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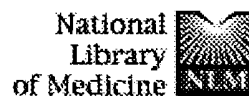
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
















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









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














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









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


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
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
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
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
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
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
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
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








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

















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
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
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


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


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
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
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
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=> s neuregulin  
56 FILES SEARCHED...  
L1 13021 NEUREGULIN

=> s erb3 OR erbB4  
61 FILES SEARCHED...  
L2 3823 ERB3 OR ERBB4

=> s erbB3 OR erbB4  
44 FILES SEARCHED...  
L3 6050 ERBB3 OR ERBB4

=> s L1 AND L3  
66 FILES SEARCHED...  
L4 1848 L1 AND L3

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59 FILES SEARCHED...  
63 FILES SEARCHED...  
69 FILES SEARCHED...  
L6 325 L5 AND PY<=2000

=> s L6 AND human  
17 FILES SEARCHED...  
25 FILES SEARCHED...  
32 FILES SEARCHED...  
52 FILES SEARCHED...  
L7 166 L6 AND HUMAN

=> D L7 1-166

L7 ANSWER 1 OF 166 AQUASCI COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved. on STN  
AN 2000:31132 AQUASCI  
DN ASFA1 2000  
TI Cloning and neuronal expression of a type III newt \*\*\*neuregulin\*\*\* and rescue of denervated, nerve-dependent newt limb blastemas by rhGGF2  
AU Wang, Lisheng; Marchionni, M.A.; Tassava, R.A.\*  
CS Department of Molecular Genetics, Ohio State University, Columbus, Ohio 43210, USA); E-mail: Tassava.1@osu.ed  
SO Journal of Neurobiology [J. Neurobiol.], ( \*\*\*20000500\*\*\* ) vol. 43, no. 2, pp. 150-158.  
ISSN: 0022-3034.  
DT Journal  
FS ASFA1  
LA English  
SL English

L7 ANSWER 2 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:418123 BIOSIS  
DN PREV200000418123  
TI Structure and function of NTAk, a novel ligand of receptor tyrosine kinase  
ErbB.  
AU Higashiyama, Shigeki [Reprint author]; Taniguchi, Naoyuki; Ishiguro,  
Hiroshi; Nagatsu, Toshiharu  
CS Department of Biochemistry, School of Allied Health Science, Osaka  
University Faculty of Medicine, 1-7, Yamadaoka, Suita, 565-0871, Japan  
SO Japanese Journal of Electrophoresis, (June, 2000) Vol. 44, No. 2, pp.  
125-130. print.  
CODEN: SBBKA4. ISSN: 0031-9082.  
DT Article  
LA Japanese  
ED Entered STN: 4 Oct 2000  
Last Updated on STN: 8 Jan 2002

L7 ANSWER 3 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:417090 BIOSIS  
DN PREV200000417090  
TI Ligand discrimination in signaling through an \*\*\*ErbB4\*\*\* receptor  
homodimer.  
AU Sweeney, Colleen [Reprint author]; Lai, Cary; Riese, David J., II;  
Diamonti, A. John; Cantley, Lewis C.; Carraway, Kermit L., III  
CS Beth Israel Deaconess Medical Center, Harvard Inst. of Medicine, 330  
Brookline Ave., Rm. 1018, Boston, MA, 02215, USA  
SO Journal of Biological Chemistry, (June 30, 2000) Vol. 275, No. 26, pp.  
19803-19807. print.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
ED Entered STN: 4 Oct 2000  
Last Updated on STN: 8 Jan 2002

L7 ANSWER 4 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:358477 BIOSIS  
DN PREV200000358477  
TI Role of receptors of the erbB family on activation of androgen receptor in  
prostate cancer cells.  
AU Klocker, Helmut [Reprint author]; Putz, Thomas [Reprint author]; Eder,  
Iris E. [Reprint author]; Nessler-Menardi, Claudia [Reprint author];  
Bartsch, Georg [Reprint author]; Culig, Zoran [Reprint author]  
CS Department of Urology, University of Innsbruck, Innsbruck, Austria  
SO European Urology, (March, 2000) Vol. 37, No. Suppl. 2, pp. 8. print.  
Meeting Info.: XVth Congress of the European Association of Urology.  
Brussels, Belgium. April 12-15, 2000.  
CODEN: EUURAV. ISSN: 0302-2838.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 16 Aug 2000  
Last Updated on STN: 8 Jan 2002

L7 ANSWER 5 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:358429 BIOSIS  
DN PREV200000358429  
TI NTAk $\alpha$  and  $\beta$  isoforms stimulate breast tumor cell growth by means of  
different receptor combinations.  
AU Nakano, Norihiko; Higashiyama, Shigeki; Kajihara, Kenichi; Endo, Takeshi;  
Ishiguro, Hiroshi; Yamada, Kouji; Nagatsu, Toshiharu; Taniguchi, Naoyuki  
[Reprint author]  
CS Department of Biochemistry, Osaka University Medical School, 2-2  
Yamadaoka, Room B-1, Suita, Osaka, 565-0871, Japan  
SO Journal of Biochemistry (Tokyo), (May, 2000) Vol. 127, No. 5, pp. 925-930.  
print.  
CODEN: JOBIAO. ISSN: 0021-924X.  
DT Article  
LA English  
ED Entered STN: 16 Aug 2000  
Last Updated on STN: 8 Jan 2002

L7 ANSWER 6 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:309531 BIOSIS  
DN PREV200000309531

TI Regulation of \*\*\*neuregulin\*\*\* signaling by PSD-95 interacting with  
\*\*\*ErbB4\*\*\* at CNS synapses.  
AU Huang, Yang Z.; Won, Sandra; Ali, Declan W.; Wang, Qiang; Tanowitz,  
Michael; Du, Quan S.; Pelkey, Kenneth A.; Yang, Da J.; Xiong, Wen C.;  
CS Salter, Michael W.; Mei, Lin [Reprint author]  
Department of Neurobiology, Pathology, and Physical Medicine and  
Rehabilitation, University of Alabama at Birmingham, Birmingham, AL,  
35294, USA  
SO Neuron, (May, 2000) Vol. 26, No. 2, pp. 443-455. print.  
ISSN: 0896-6273.  
DT Article  
LA English  
ED Entered STN: 19 Jul 2000  
Last Updated on STN: 7 Jan 2002

L7 ANSWER 7 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:265585 BIOSIS  
DN PREV200000265585  
TI Cell death induced by TNF or serum starvation is independent of ErbB  
receptor signaling in MCF-7 breast carcinoma cells.  
AU Egeblad, Mikala; Jaattela, Marja [Reprint author]  
CS Apoptosis Laboratory, Institute of Cancer Biology, Danish Cancer Society,  
Strandboulevarden 49, DK-2100, Copenhagen, Denmark  
SO International Journal of Cancer, (June 1, 2000) Vol. 86, No. 5, pp.  
617-625. print.  
CODEN: IJCNAW. ISSN: 0020-7136.  
DT Article  
LA English  
ED Entered STN: 30 Jun 2000  
Last Updated on STN: 5 Jan 2002

L7 ANSWER 8 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:252292 BIOSIS  
DN PREV200000252292  
TI Effect of overexpression of different receptors of the EGFR receptor  
family on androgen receptor activity in prostate cancer cells.  
AU Klocker, Helmut [Reprint author]; Putz, Thomas [Reprint author]; Eder,  
Iris E. [Reprint author]; Bartsch, Georg [Reprint author]; Culig, Zoran  
[Reprint author]  
CS Univ of Innsbruck, Innsbruck, Austria  
SO Proceedings of the American Association for Cancer Research Annual  
Meeting, (March, 2000) No. 41, pp. 237-238. print.  
Meeting Info.: 91st Annual Meeting of the American Association for Cancer  
Research. San Francisco, California, USA. April 01-05, 2000.  
ISSN: 0197-016X.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 14 Jun 2000  
Last Updated on STN: 5 Jan 2002

L7 ANSWER 9 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:224961 BIOSIS  
DN PREV200000224961  
TI Characterization of ErbB receptor expression and \*\*\*neuregulin\*\*\*  
responsiveness by medulloblastoma cell lines in vitro.  
AU Gilbertson, Richard J. [Reprint author]; Hernan, R.; Moore, K.; Pietsch,  
T.; Pearson, A. D. J.; Lunec, J.  
CS Univ of Bonn Med Ctr, Bonn, Germany  
SO Proceedings of the American Association for Cancer Research Annual  
Meeting, (March, 2000) No. 41, pp. 457. print.  
Meeting Info.: 91st Annual Meeting of the American Association for Cancer  
Research. San Francisco, California, USA. April 01-05, 2000.  
ISSN: 0197-016X.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 31 May 2000  
Last Updated on STN: 5 Jan 2002

L7 ANSWER 10 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:131079 BIOSIS  
DN PREV200000131079  
TI \*\*\*Neuregulin\*\*\* and erbB receptor expression in normal and diseased  
\*\*\*human\*\*\* white matter.  
AU Cannella, Barbara [Reprint author]; Pitt, David; Marchionni, Mark; Raine,

Cedric S.  
 CS Department of Pathology (Neuropathology), F140, Albert Einstein College of  
 Medicine, 1300 Morris Park Avenue, Bronx, NY, 10461-1602, USA  
 SO Journal of Neuroimmunology, (Dec., 1999) Vol. 100, No. 1-2, pp. 233-242.  
 print.  
 CODEN: JNRIDW. ISSN: 0165-5728.  
 DT Article  
 LA English  
 ED Entered STN: 12 Apr 2000  
 Last Updated on STN: 4 Jan 2002

L7 ANSWER 11 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:87003 BIOSIS  
 DN PREV200000087003  
 TI \*\*\*Neuregulin\*\*\* activation of ErbB receptors in vascular endothelium  
 leads to angiogenesis.  
 AU Russell, Kerry Strong; Stern, David F.; Polverini, Peter J.; Bender,  
 Jeffrey R. [Reprint author]  
 CS Boyer Center for Molecular Medicine, Yale Univ. School of Medicine, 295  
 Congress Ave., 454C, New Haven, CT, 06536-0812, USA  
 SO American Journal of Physiology, (Dec., 1999) Vol. 277, No. 6 part 2, pp.  
 H2205-H2211. print.  
 CODEN: AJPHAP. ISSN: 0002-9513.  
 DT Article  
 LA English  
 ED Entered STN: 1 Mar 2000  
 Last Updated on STN: 3 Jan 2002

L7 ANSWER 12 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:67106 BIOSIS  
 DN PREV200000067106  
 TI Primate dopaminergic neurons express the \*\*\*ErbB4\*\*\*  
 \*\*\*neuregulin\*\*\* receptor and are protected from injury in vitro by  
 \*\*\*neuregulin\*\*\*.  
 AU Seroogy, K. B. [Reprint author]; Duan, W. [Reprint author]; Lundgren, K.  
 H. [Reprint author]; Zhang, L. [Reprint author]; Yurek, D. M.; Gash, D. M.  
 [Reprint author]; Mattson, M. P. [Reprint author]; Kornblum, H. I.  
 CS Dept. of Anatomy and Neurobiology, Univ. of Kentucky, Lexington, KY, USA  
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 231.  
 print.  
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part  
 1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for  
 Neuroscience.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 9 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L7 ANSWER 13 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:50146 BIOSIS  
 DN PREV200000050146  
 TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70S6K, and  
 MEK-MAPK-RSK.  
 AU Baliga, Ragavendra R.; Pimental, David R.; Zhao, You-Yang; Simmons,  
 William W.; Marchionni, Mark A.; Sawyer, Douglas B.; Kelly, Ralph A.  
 [Reprint author]  
 CS Division of Cardiology, Brigham and Women's Hospital, 75 Francis St.,  
 Boston, MA, USA  
 SO American Journal of Physiology, (Nov., 1999) Vol. 277, No. 5 PART 2, pp.  
 H2026-H2037. print.  
 CODEN: AJPHAP. ISSN: 0002-9513.  
 DT Article  
 LA English  
 ED Entered STN: 3 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L7 ANSWER 14 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:32423 BIOSIS  
 DN PREV200000032423  
 TI \*\*\*Neuregulin\*\*\* -erbB signaling in hypertrophied aortic stenosis mice:  
 Differential expression of erbB2 and \*\*\*erbB4\*\*\* receptors.  
 AU Yan, Xinhua [Reprint author]; Ding, Bo [Reprint author]; Weinberg, Ellen  
 O. [Reprint author]; Lorell, Beverly H. [Reprint author]  
 CS Beth Israel Deaconess Med Ctr, Boston, MA, USA

SO Circulation, (Nov. 2, 1999) Vol. 100, No. 18 SUPPL., pp. I.128. print.  
Meeting Info.: 72nd Scientific Sessions of the American Heart Association.  
Atlanta, Georgia, USA. November 7-10, 1999.  
CODEN: CIRCAZ. ISSN: 0009-7322.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English  
ED Entered STN: 13 Jan 2000  
Last Updated on STN: 31 Dec 2001

L7 ANSWER 15 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:323608 BIOSIS  
DN PREV199900323608  
TI \*\*\*Neuregulin\*\*\* signaling in the heart: Dynamic targeting of  
\*\*\*erbB4\*\*\* to caveolar microdomains in cardiac myocytes.

AU Zhao, You-Yang; Feron, Olivier; Dessy, Chantal; Han, Xinqiang; Marchionni,  
Mark A.; Kelly, Ralph A. [Reprint author]  
CS Cardiovascular Division, Brigham and Women's Hospital, 75 Francis St,  
Boston, MA, 02115, USA  
SO Circulation Research, (June 25, 1999) Vol. 84, No. 12, pp. 1380-1387.  
print.  
CODEN: CIRUAL. ISSN: 0009-7330.

DT Article  
LA English  
ED Entered STN: 24 Aug 1999  
Last Updated on STN: 24 Aug 1999

L7 ANSWER 16 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:226939 BIOSIS  
DN PREV199900226939  
TI Characterization of a naturally occurring \*\*\*ErbB4\*\*\* isoform that  
does not bind or activate phosphatidyl inositol 3-kinase.

AU Elenius, Klaus; Choi, Caroline J.; Paul, Subroto; Santiestevan, Eric;  
Nishi, Eiichiro; Klagsbrun, Michael [Reprint author]  
CS Departments of Surgery and Pathology, Children's Hospital and Harvard  
Medical School, Boston, MA, 02115, USA  
SO Oncogene, (April 22, 1999) Vol. 18, No. 16, pp. 2607-2615. print.  
CODEN: ONCNES. ISSN: 0950-9232.

DT Article  
LA English  
ED Entered STN: 17 Jun 1999  
Last Updated on STN: 17 Jun 1999

L7 ANSWER 17 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:195581 BIOSIS  
DN PREV199900195581  
TI \*\*\*Neuregulin\*\*\* is a mitogen and survival factor for olfactory bulb  
ensheathing cells and an isoform is produced by astrocytes.

AU Pollock, Graeme S.; Franceschini, Isabelle A.; Graham, Gerry; Marchionni,  
Mark A.; Barnett, Susan C. [Reprint author]  
CS Department of Neurology, University of Glasgow, Switchback Road, Glasgow,  
G61 1BD, UK  
SO European Journal of Neuroscience, (March, 1999) Vol. 11, No. 3, pp.  
769-780. print.  
ISSN: 0953-816X.

DT Article  
LA English  
ED Entered STN: 25 May 1999  
Last Updated on STN: 25 May 1999

L7 ANSWER 18 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:105044 BIOSIS  
DN PREV199900105044  
TI Structure and function of a novel ErbB ligand, NTAK.

AU Ishiguro, Hiroshi [Reprint author]; Higashiyama, Shigeki; Yamada, Kouji;  
Ichino, Naohiro; Taniguchi, Naoyuki; Nagatsu, Toshiharu  
CS Inst. Comprehensive Med. Sci., Fujita Health Univ., 1-98 Dengakugakubo,  
Kutsukake-cho, Toyoake 470-1192, Japan  
SO Japanese Journal of Psychopharmacology, (Aug., 1998) Vol. 18, No. 4, pp.  
137-142. print.  
ISSN: 1340-2544.

DT Article  
LA Japanese  
ED Entered STN: 4 Mar 1999  
Last Updated on STN: 4 Mar 1999

L7 ANSWER 19 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:28779 BIOSIS  
 DN PREV199900028779  
 TI Biological response to ErbB ligands in nontransformed cell lines  
 correlates with a specific patterns of receptor expression.  
 AU Sundaresan, Srividya [Reprint author]; Roberts, Penelope E.; King,  
 Kathleen L.; Sliwowski, Mark X.; Mather, Jennie P.  
 CS 1 DNA Way, MS 45, Genentech Inc., S. San Francisco, CA 94080, USA  
 SO Endocrinology, (Dec., 1998) Vol. 139, No. 12, pp. 4756-4764. print.  
 CODEN: ENDOAO. ISSN: 0013-7227.  
 DT Article  
 LA English  
 ED Entered STN: 3 Feb 1999  
 Last Updated on STN: 3 Feb 1999

L7 ANSWER 20 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:490680 BIOSIS  
 DN PREV199800490680  
 TI Differential signaling by the epidermal growth factor-like growth factors  
 \*\*\*neuregulin\*\*\* -1 and \*\*\*neuregulin\*\*\* -2.  
 AU Crovello, Colleen Sweeney; Lai, Cary; Cantley, Lewis C.; Carraway, Kermit  
 L., III [Reprint author]  
 CS Beth Israel Deaconess Med. Cent., Harvard Inst. Med., Room 1018, 330  
 Brookline Ave., Boston, MA 02215, USA  
 SO Journal of Biological Chemistry, (Oct. 9, 1998) Vol. 273, No. 41, pp.  
 26954-26961. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article  
 LA English  
 ED Entered STN: 18 Nov 1998  
 Last Updated on STN: 18 Nov 1998

L7 ANSWER 21 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:436426 BIOSIS  
 DN PREV199800436426  
 TI Expression of the ErbB- \*\*\*neuregulin\*\*\* signaling network during  
 \*\*\*human\*\*\* cerebellar development: Implications for the biology of  
 medulloblastoma.  
 AU Gilbertson, Richard J. [Reprint author]; Clifford, Steven C.; Macmeekin,  
 William; Wright, Chris; Perry, Robert H.; Kelly, Peter; Pearson, Andrew D.  
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 CS Cancer Res. Unit, Medical Sch., Framlington Place, Univ. Newcastle upon  
 Tyne, Newcastle upon Tyne NE2 4HH, UK  
 SO Cancer Research, (Sept. 1, 1998) Vol. 58, No. 17, pp. 3932-3941. print.  
 CODEN: CNREA8. ISSN: 0008-5472.  
 DT Article  
 LA English  
 ED Entered STN: 7 Oct 1998  
 Last Updated on STN: 5 Nov 1998

L7 ANSWER 22 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:436347 BIOSIS  
 DN PREV199800436347  
 TI Two erbB-4 transcripts are expressed in normal breast and in most breast  
 cancers.  
 AU Sawyer, Carol [Reprint author]; Hiles, Ian; Page, Martin; Crompton, Mark;  
 Dean, Christopher  
 CS Sect. Immunol., McElwain Lab., Inst. Cancer Res., 15 Cotswold Road,  
 Belmont, Sutton, Surrey SM2 5NG, UK  
 SO Oncogene, (Aug. 20, 1998) Vol. 17, No. 7, pp. 919-924. print.  
 CODEN: ONCNES. ISSN: 0950-9232.  
 DT Article  
 LA English  
 ED Entered STN: 7 Oct 1998  
 Last Updated on STN: 7 Oct 1998

L7 ANSWER 23 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:315901 BIOSIS  
 DN PREV199800315901  
 TI ErbB2 expression increases the spectrum and potency of ligand-mediated  
 signal transduction through \*\*\*ErbB4\*\*\*  
 AU Wang, Ling-Mei; Kuo, Angera; Alimandi, Maurizio; Veri, Maria C.; Lee,  
 Chong-Chou; Kapoor, Veena; Ellmore, Nelson; Chen, Xiao-Hong; Pierce,  
 Jacalyn H. [Reprint author]  
 CS Lab. Cellular Molecular Biol., Natl. Cancer Inst., Build. 37, Room 1E24,  
 37 Convent Drive MSC 4255, Bethesda, MD 20892-4255, USA

SO Proceedings of the National Academy of Sciences of the United States of America, (June 9, 1998) Vol. 95, No. 12, pp. 6809-6814. print.  
CODEN: PNASA6. ISSN: 0027-8424.

DT Article  
LA English  
ED Entered STN: 22 Jul 1998  
Last Updated on STN: 10 Sep 1998

L7 ANSWER 24 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:287632 BIOSIS  
DN PREV199800287632  
TI Expression and localization of \*\*\*ERBB4\*\*\* and its ligand,  
\*\*\*neuregulin\*\*\*, in \*\*\*human\*\*\* gastrointestinal mucosa.  
AU Kataoka, H. [Reprint author]; Joh, T. [Reprint author]; Tsuchida, K. [Reprint author]; Seno, K. [Reprint author]; Yokoyama, Y.; Kato, T.; Itoh, M.  
CS 1st Dep. Int. Med., Nagoya City Univ. Med. Sch., Nagoya, Japan  
SO Gastroenterology, (April 15, 1998) Vol. 114, No. 4 PART 2, pp. A888. print.  
Meeting Info.: Digestive Diseases Week and the 99th Annual Meeting of the American Gastroenterological Association. New Orleans, Louisiana, USA. May 16-22, 1998. American Association for the Study of Liver Diseases; American Gastroenterological Association; American Society for Gastrointestinal Endoscopy; Gastroenterology Research Group; Society for Surgery of the Alimentary Tract.  
CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)  
LA Conference; Abstract; (Meeting Abstract)  
ED English  
Entered STN: 8 Jul 1998  
Last Updated on STN: 8 Jul 1998

L7 ANSWER 25 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:253340 BIOSIS  
DN PREV199800253340  
TI \*\*\*Neuregulins\*\*\* promote survival and growth of cardiac myocytes: Persistence of ErbB2 and Erb4 expression in neonatal and adult ventricular myocytes.  
AU Zhao, You-Yang; Sawyer, Douglas R.; Baliga, Ragavendra R.; Opel, Douglas J.; Han, Xingiang; Marchionni, Mark A.; Kelly, Ralph A. [Reprint author]  
CS Cardiol. Div., Brigham Women's Hosp., 75 Francis St., Boston, MA 02115, USA  
SO Journal of Biological Chemistry, (April 24, 1998) Vol. 273, No. 17, pp. 10261-10269. print.  
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article  
LA English  
ED Entered STN: 9 Jun 1998  
Last Updated on STN: 12 Aug 1998

L7 ANSWER 26 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:227583 BIOSIS  
DN PREV199800227583  
TI Secretion of neu differentiation factor-like polypeptides by cph-transformed fibroblasts: Cloning and characterization of syrian hamster \*\*\*neuregulin\*\*\* cDNAs.  
AU Velasco, Juan A.; Feijoo, Esperanza; Avila, Matias A.; Notario, Vicente [Reprint author]  
CS Dep. Radiation Med., Georgetown Univ. Med. Cent., Research Build. Room E220A, 3970 Reservoir Rd. NW, Washington, DC 20007, USA  
SO Molecular Carcinogenesis, (March, 1998) Vol. 21, No. 3, pp. 156-163. print.  
CODEN: MOCAE8. ISSN: 0899-1987.

DT Article  
LA English  
OS Genbank-U96612  
ED Entered STN: 20 May 1998  
Last Updated on STN: 20 May 1998

L7 ANSWER 27 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:496700 BIOSIS  
DN PREV199799795903  
TI A novel juxtamembrane domain isoform of HER4/ \*\*\*ErbB4\*\*\* : Isoform-specific tissue distribution and differential processing in response to phorbol ester.  
AU Elenius, Klaus; Corfas, Gabriel; Paul, Subroto; Choi, Caroline J.; Rio,

CS Carlos; Plowman, Gregory D.; Klagsbrun, Michael [Reprint author]  
SO Child. Hosp., 300 Longwood Ave., Boston, MA 02115, USA  
Journal of Biological Chemistry, (1997) Vol. 272, No. 42, pp. 26761-26768.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
ED Entered STN: 21 Nov 1997  
Last Updated on STN: 21 Nov 1997

L7 ANSWER 28 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:496594 BIOSIS  
DN PREV199799795797  
TI A novel brain-derived member of the epidermal growth factor family that  
interacts with \*\*\*ErbB3\*\*\* and \*\*\*ErbB4\*\*\*  
AU Higashiyama, Shigeki [Reprint author]; Horikawa, Michiharu; Yamada, Kouji;  
Ichino, Naohiro; Nakano, Norihiko; Nakagawa, Takatoshi; Miyagawa,  
Junichiro; Matsushita, Natsuki; Nagatsu, Toshiharu; Taniguchi, Naoyuki;  
Ishiguro, Hiroshi  
CS Dep. Biochem., Osaka Univ. Med. Sch., 2-2 Yamadaoka, Suita, Osaka 565,  
Japan  
SO Journal of Biochemistry (Tokyo), (1997) Vol. 122, No. 3, pp. 675-680.  
CODEN: JOBIAO. ISSN: 0021-924X.  
DT Article  
LA English  
ED Entered STN: 21 Nov 1997  
Last Updated on STN: 21 Nov 1997

L7 ANSWER 29 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:482234 BIOSIS  
DN PREV199799781437  
TI Gamma-Herregulin: A novel heregulin isoform that is an autocrine growth  
factor for the \*\*\*human\*\*\* breast cancer cell line, MDA-MB-175.  
AU Schaefer, Gabriele; Fitzpatrick, V. Dania; Sliwkowski, Mark X. [Reprint  
author]  
CS Genentech Inc., South San Francisco, CA 94080, USA  
SO Oncogene, (1997) Vol. 15, No. 12, pp. 1385-1394.  
CODEN: ONCNES. ISSN: 0950-9232.  
DT Article  
LA English  
ED Entered STN: 7 Nov 1997  
Last Updated on STN: 7 Nov 1997

L7 ANSWER 30 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:448390 BIOSIS  
DN PREV199799747593  
TI \*\*\*Neuregulin\*\*\* -3 (NRG3): A novel neural tissue-enriched protein that  
binds and activates \*\*\*ErbB4\*\*\*  
AU Zhang, Dongxiao; Sliwkowski, Mark X.; Mark, Melanie; Frantz, Gretchen;  
Akita, Robert; Sun, Yang; Hillan, Kenneth; Crowley, Craig; Brush,  
Jennifer; Godowski, Paul J. [Reprint author]  
CS Dep. Mol. Biol., Mailstop 37, Genentech Inc., 460 Point San Bruno Blvd.,  
S. San Francisco, CA 94080, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
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CODEN: PNASA6. ISSN: 0027-8424.  
DT Article  
LA English  
ED Entered STN: 27 Oct 1997  
Last Updated on STN: 27 Oct 1997

L7 ANSWER 31 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:344630 BIOSIS  
DN PREV199799643833  
TI Characterization of a \*\*\*neuregulin\*\*\* -related gene, Don-1, that is  
highly expressed in restricted regions of the cerebellum and hippocampus.  
AU Busfield, Samantha J. [Reprint author]; Michnick, Donna A.; Chickering,  
Troy W.; Revett, Tracy L.; Ma, Jingya; Woolf, Elizabeth A.; Comrack,  
Christopher A.; Dussault, Barry J.; Woolf, Jessica; Goodearl, Andrew D.  
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CS Millennium Pharm. Inc., 640 Memorial Dr., Cambridge, MA 02139, USA  
SO Molecular and Cellular Biology, (1997) Vol. 17, No. 7, pp. 4007-4014.  
CODEN: MCEBD4. ISSN: 0270-7306.  
DT Article  
LA English  
ED Entered STN: 11 Aug 1997  
Last Updated on STN: 11 Aug 1997



L7 ANSWER 32 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:290838 BIOSIS  
DN PREV199799590041  
TI \*\*\*Neuregulin\*\*\* -2, a new ligand of \*\*\*ErbB3\*\*\* / \*\*\*ErbB4\*\*\*  
-receptor tyrosine kinases.  
AU Carraway, Kermit L. Iii; Weber, Janet L.; Unger, Michelle J.; Ledesma,  
Jessica; Yu, Naichen; Gassmann, Martin; Lai, Cary [Reprint author]  
CS Dep. Neuropharmacol., Scripps Res. Inst., La Jolla, CA 92037, USA  
SO Nature (London), (1997) Vol. 387, No. 6632, pp. 512-516.  
CODEN: NATUAS. ISSN: 0028-0836.  
DT Article  
LA English  
ED Entered STN: 9 Jul 1997  
Last Updated on STN: 9 Jul 1997

L7 ANSWER 33 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:290837 BIOSIS  
DN PREV199799590040  
TI Ligands for ErbB-family receptors encoded by a \*\*\*neuregulin\*\*\* -like  
gene.  
AU Chang, Han [Reprint author]; Riese, David J. Ii; Gilbert, Walter; Stern,  
David F.; McMahon, U. J.  
CS Dep. Neurobiol., Stanford Univ. Sch. Med., Stanford, CA 94305-5401, USA  
SO Nature (London), (1997) Vol. 387, No. 6632, pp. 509-512.  
CODEN: NATUAS. ISSN: 0028-0836.  
DT Article  
LA English  
ED Entered STN: 9 Jul 1997  
Last Updated on STN: 9 Jul 1997

L7 ANSWER 34 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:335299 BIOSIS  
DN PREV199699057655  
TI Heregulin is rapidly translocated to the nucleus and its transport is  
correlated with c-myc induction in breast cancer cells.  
AU Li, Wenlu; Park, John W.; Nuijens, Andrew; Sliwkowski, Mark X.; Keller,  
Gilbert-A. [Reprint author]  
CS Genentech Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080,  
USA  
SO Oncogene, (1996) Vol. 12, No. 11, pp. 2473-2477.  
CODEN: ONCNES. ISSN: 0950-9232.  
DT Article  
LA English  
ED Entered STN: 26 Jul 1996  
Last Updated on STN: 27 Jul 1996

L7 ANSWER 35 OF 166 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:270661 BIOSIS  
DN PREV199698826790  
TI NDF/hergulin induces persistence of terminal end buds and adenocarcinomas  
in the mammary glands of transgenic mice.  
AU Krane, Ian M.; Leder, Philip [Reprint author]  
CS Dep. Genet., Howard Hughes Medical Inst., Harvard Medical School, 200  
Longwood Ave., Boston, MA 02115, USA  
SO Oncogene, (1996) Vol. 12, No. 8, pp. 1781-1788.  
CODEN: ONCNES. ISSN: 0950-9232.  
DT Article  
LA English  
ED Entered STN: 10 Jun 1996  
Last Updated on STN: 10 Jun 1996

L7 ANSWER 36 OF 166 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29146091 BIOTECHNO  
TI Binding specificities and affinities of egf domains for ErbB receptors  
AU Jones J.T.; Akita R.W.; Sliwkowski M.X.  
CS M.X. Sliwkowski, Department of Molecular Oncology, Genentech Inc., 1 DNA  
Way, South San Francisco, CA 94080, United States.  
E-mail: marks@gene.com  
SO FEBS Letters, ( \*\*\*1999\*\*\* ), 447/2-3 (227-231), 43 reference(s)  
CODEN: FEBLAL ISSN: 0014-5793  
S0014579399002835  
PUI Journal; Article  
DT  
CY Netherlands  
LA English  
SL English

L7 ANSWER 37 OF 166 CANCERLIT on STN  
 AN 2002037908 CANCERLIT  
 DN 21098667 PubMed ID: 11162886  
 TI TCDD elevates erbB2 expression and signaling in T47D cells by reversing serum potentiation of estrogen receptor activity, independent of estrogen levels and enhanced ER down-regulation.  
 AU Angus W G; Campaigne Larsen M; Jefcoate C R  
 CS Department of Pharmacology and Environmental Health Sciences Center, University of Wisconsin, 3770 MSC, 1300 University Avenue, Madison, WI 53706, USA.  
 NC ES05733 (NIEHS)  
 ES07260 (NIEHS)  
 SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, \*\*\* (2000 Dec 22)\*\*\* 170 (1-2) 1-13.  
 Journal code: 7500844. ISSN: 0303-7207.  
 CY Ireland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 2001472395  
 EM 200108  
 ED Entered STN: 20020726  
 Last Updated on STN: 20020726

L7 ANSWER 38 OF 166 CANCERLIT on STN  
 AN 2000511807 CANCERLIT  
 DN 20511807 PubMed ID: 11056475  
 TI \*\*\*Neuregulin\*\*\*, a factor with many functions in the life of a schwann cell.  
 AU Garratt A N; Britsch S; Birchmeier C  
 CS Max-Delbrück-Centrum for Molecular Medicine, Berlin, Germany.  
 SO BIOESSAYS, \*\*\* (2000 Nov)\*\*\* 22 (11) 987-96. Ref: 85  
 Journal code: 8510851. ISSN: 0265-9247.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 2001103869  
 EM 200102  
 ED Entered STN: 20010423  
 Last Updated on STN: 20010423

L7 ANSWER 39 OF 166 CANCERLIT on STN  
 AN 2000453810 CANCERLIT  
 DN 20453810 PubMed ID: 10995872  
 TI Heregulin regulates the actin cytoskeleton and promotes invasive properties in breast cancer cell lines.  
 AU Hijazi M M; Thompson E W; Tang C; Coopman P; Torri J A; Yang D; Mueller S C; Lupu R  
 CS Vincent T. Lombardi Cancer Center, Georgetown University Medical Center, Washington, DC 20007, USA.  
 NC R01-DK49049 (NIDDK)  
 SO INTERNATIONAL JOURNAL OF ONCOLOGY, \*\*\* (2000 Oct)\*\*\* 17 (4) 629-41.  
 Journal code: 9306042. ISSN: 1019-6439.  
 CY Greece  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 2001023692  
 EM 200011  
 ED Entered STN: 20010423  
 Last Updated on STN: 20010423

L7 ANSWER 40 OF 166 CANCERLIT on STN  
 AN 2000413014 CANCERLIT  
 DN 20413014 PubMed ID: 10956383  
 TI Expression of heregulins and associations with the ErbB family of tyrosine kinase receptors in papillary thyroid carcinomas.  
 AU Fluge O; Akslen L A; Haugen D R; Varhaug J E; Lillehaug J R  
 CS Department of Molecular Biology, University of Bergen, Bergen, Norway..  
 oystein.fluge@mbi.uib.no  
 SO INTERNATIONAL JOURNAL OF CANCER, \*\*\* (2000 Sep 15)\*\*\* 87 (6) 763-70.  
 Journal code: 0042124. ISSN: 0020-7136.

United States  
Journal; Article; (JOURNAL ARTICLE)  
English  
MEDLINE; Priority Journals  
MEDLINE 2000420637  
200009  
Entered STN: 20001012  
Last Updated on STN: 20001012

ANSWER 41 OF 166 CANCERLIT on STN  
2000302186 CANCERLIT  
20302186 PubMed ID: 10845563  
Differential modulation of proliferation, matrix metalloproteinase  
expression and invasion of \*\*\*human\*\*\* head and neck squamous  
carcinoma cells by c-erbB ligands.  
O-charoenrat P; Rhys-Evans P; Court W J; Box G M; Eccles S A  
Department of Head and Neck Surgery, Royal Marsden Hospital, London, UK..  
pornchai@icr.ac.uk  
CLINICAL AND EXPERIMENTAL METASTASIS, \*\*\* (1999) \*\*\* 17 (7) 631-9.  
Journal code: 8409970. ISSN: 0262-0898.  
Netherlands  
Journal; Article; (JOURNAL ARTICLE)  
English  
MEDLINE; Priority Journals  
MEDLINE 2000302186  
200006  
Entered STN: 20000811  
Last Updated on STN: 20000811

ANSWER 42 OF 166 CANCERLIT on STN  
2000026874 CANCERLIT  
20026874 PubMed ID: 10559227  
ErbB2 and \*\*\*ErbB3\*\*\* receptors mediate inhibition of  
calcium-dependent chloride secretion in colonic epithelial cells.  
Keely S J; Barrett K E  
Department of Medicine, University of California, San Diego, California  
92103, USA.. skeely@ucsd.edu  
DK28305 (NIDDK)  
JOURNAL OF BIOLOGICAL CHEMISTRY, \*\*\* (1999 Nov 19) \*\*\* 274 (47)  
33449-54.  
Journal code: 2985121R. ISSN: 0021-9258.  
United States  
Journal; Article; (JOURNAL ARTICLE)  
English  
MEDLINE; Priority Journals  
MEDLINE 2000026874  
199912  
Entered STN: 20000616  
Last Updated on STN: 20000616

ANSWER 43 OF 166 CANCERLIT on STN  
2000005913 CANCERLIT  
20005913 PubMed ID: 10535875  
Expression of heregulin alpha, erbB2, and \*\*\*erbB3\*\*\* and their  
influences on proliferation of gastric epithelial cells.  
Noguchi H; Sakamoto C; Wada K; Akamatsu T; Uchida T; Tatsuguchi A; Matsui  
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Second Department of Internal Medicine, Kobe University School of  
Medicine, Kobe, Japan.  
GASTROENTEROLOGY, \*\*\* (1999 Nov) \*\*\* 117 (5) 1119-27.  
Journal code: 0374630. ISSN: 0016-5085.  
United States  
Journal; Article; (JOURNAL ARTICLE)  
English  
MEDLINE; Abridged Index Medicus Journals; Priority Journals  
MEDLINE 2000005913  
199912  
Entered STN: 20000616  
Last Updated on STN: 20000616

ANSWER 44 OF 166 CANCERLIT on STN  
2000005707 CANCERLIT  
20005707 PubMed ID: 10537315  
Ribozyme-mediated down-regulation of ErbB-4 in estrogen receptor-positive  
breast cancer cells inhibits proliferation both in vitro and in vivo.  
Tang C K; Concepcion X Z; Milan M; Gong X; Montgomery E; Lippman M E

CS Lombardi Cancer Center, Department of Biochemistry, Georgetown University  
Medical Center, Washington, DC 20007-2197, USA..  
Tangc@gunet.georgetown.edu  
NC IP50-CA58185-04 (NCI)  
P30-CA-51008 (NCI)  
SO CANCER RESEARCH, \*\*\* (1999 Oct 15) \*\*\* 59 (20) 5315-22.  
Journal code: 2984705R. ISSN: 0008-5472.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 2000005707  
EM 199911  
ED Entered STN: 20000221  
Last Updated on STN: 20000221

L7 ANSWER 45 OF 166 CANCERLIT on STN  
AN 1999303015 CANCERLIT  
DN 99303015 PubMed ID: 10376522  
TI NDF/hereregulin-induced cell cycle changes and apoptosis in breast tumour  
cells: role of PI3 kinase and p38 MAP kinase pathways.  
AU Daly J M; Olayioye M A; Wong A M; Neve R; Lane H A; Maurer F G; Hynes N E  
CS Friedrich Miescher Institute, Basel, Switzerland.  
SO ONCOGENE, \*\*\* (1999 Jun 10) \*\*\* 18 (23) 3440-51.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 1999303015  
EM 199906  
ED Entered STN: 19990813  
Last Updated on STN: 19990813

L7 ANSWER 46 OF 166 CANCERLIT on STN  
AN 1999300179 CANCERLIT  
DN 99300179 PubMed ID: 10372964  
TI Receptor binding and biological activity of mammalian expressed sensory  
and motor neuron-derived factor (SMDF).  
AU Osheroff P L; Tsai S P; Chiang N Y; King K L; Li R; Lewis G D; Wong K;  
Henzel W; Mather J  
CS Department of Protein Chemistry, Genentech, Inc., South San Francisco, CA  
94080, USA.. plo@earthlink.net  
SO GROWTH FACTORS, \*\*\* (1999) \*\*\* 16 (3) 241-53.  
Journal code: 9000468. ISSN: 0897-7194.  
CY Switzerland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 1999300179  
EM 199908  
ED Entered STN: 19990913  
Last Updated on STN: 19990913

L7 ANSWER 47 OF 166 CANCERLIT on STN  
AN 1999111102 CANCERLIT  
DN 99111102 PubMed ID: 9815853  
TI Heregulin and agonistic anti-p185(c-erbB2) antibodies inhibit  
proliferation but increase invasiveness of breast cancer cells that  
overexpress p185(c-erbB2): increased invasiveness may contribute to poor  
prognosis.  
AU Xu F J; Stack S; Boyer C; O'Briant K; Whitaker R; Mills G B; Yu Y H; Bast  
R C Jr  
CS Division of Medicine, University of Texas, M.D. Anderson Cancer Center,  
Houston, Texas 77030, USA.  
NC 39930  
SO CLINICAL CANCER RESEARCH, \*\*\* (1997 Sep) \*\*\* 3 (9) 1629-34.  
Journal code: 9502500. ISSN: 1078-0432.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 1999111102  
EM 199903  
ED Entered STN: 19990428  
Last Updated on STN: 19990428

L7 ANSWER 48 OF 166 CANCERLIT on STN  
 AN 1998447848 CANCERLIT  
 DN 98447848 PubMed ID: 9772300  
 TI NRG-3 in \*\*\*human\*\*\* breast cancers: activation of multiple erbB family proteins.  
 AU Hijazi M M; Young P E; Dougherty M K; Bressette D S; Cao T T; Pierce J H; Wong L M; Alimandi M; King C R  
 CS Lombardi Cancer Center, Georgetown University Medical Center, Washington, DC, USA.  
 SO INTERNATIONAL JOURNAL OF ONCOLOGY, \*\*\* (1998 Nov) \*\*\* 13 (5) 1061-7.  
 Journal code: 9306042. ISSN: 1019-6439.  
 CY Greece  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 1998447848  
 EM 199812  
 ED Entered STN: 19990127  
 Last Updated on STN: 19990127

L7 ANSWER 49 OF 166 CANCERLIT on STN  
 AN 1998437920 CANCERLIT  
 DN 98437920 PubMed ID: 9766530  
 TI Neurofibrosarcoma-derived Schwann cells overexpress platelet-derived growth factor (PDGF) receptors and are induced to proliferate by PDGF BB.  
 AU Badache A; De Vries G H  
 CS Department of Cell Biology, Neurobiology and Anatomy, Loyola University Medical Center, Chicago, Illinois, USA.. badache@FMI.ch  
 SO JOURNAL OF CELLULAR PHYSIOLOGY, \*\*\* (1998 Nov) \*\*\* 177 (2) 334-42.  
 Journal code: 0050222. ISSN: 0021-9541.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 1998437920  
 EM 199810  
 ED Entered STN: 19990122  
 Last Updated on STN: 19990122

L7 ANSWER 50 OF 166 CANCERLIT on STN  
 AN 1998062169 CANCERLIT  
 DN 98062169 PubMed ID: 9400997  
 TI ErbB kinases and NDF signaling in \*\*\*human\*\*\* prostate cancer cells.  
 AU Grasso A W; Wen D; Miller C M; Rhim J S; Pretlow T G; Kung H J  
 CS Case Western Reserve University School of Medicine, Department of Molecular Biology and Microbiology, Cleveland, Ohio 44106-4960, USA.  
 NC CA39207 (NCI)  
 CA57179 (NCI)  
 DK52659 (NIDDK)  
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 SO ONCOGENE, \*\*\* (1997 Nov 27) \*\*\* 15 (22) 2705-16.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 1998062169  
 EM 199801  
 ED Entered STN: 19980212  
 Last Updated on STN: 19980212

L7 ANSWER 51 OF 166 CANCERLIT on STN  
 AN 97600656 CANCERLIT  
 DN 97600656  
 TI Deciphering heregulin-mediated signaling through \*\*\*ErbB4\*\*\* : development of anti- \*\*\*ErbB4\*\*\* monoclonal antibodies (Meeting abstract).  
 AU Bald L; Sliwowski M X; Akita R; Chiang N; Wirth C; Taylor R; Dybdal N; Fendly B M  
 CS Genentech Incorporated, South San Francisco, CA 94080.  
 SO Proc Annu Meet Am Assoc Cancer Res, \*\*\* (1996) \*\*\* 37 A3355.  
 ISSN: 0197-016X.  
 DT (MEETING ABSTRACTS)  
 LA English  
 FS Institute for Cell and Developmental Biology

EM 199702  
 ED Entered STN: 19980417  
 Last Updated on STN: 19980417

L7 ANSWER 52 OF 166 CANCERLIT on STN  
 AN 97433122 CANCERLIT  
 DN 97433122 PubMed ID: 9288791  
 TI Neu differentiation factor induces ErbB2 down-regulation and apoptosis of ErbB2-overexpressing breast tumor cells.  
 AU Daly J M; Jannot C B; Beerli R R; Graus-Porta D; Maurer F G; Hynes N E  
 CS Friedrich Miescher Institute, Basel, Switzerland.  
 SO CANCER RESEARCH, \*\*\* (1997 Sep 1) \*\*\* 57 (17) 3804-11.  
 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 97433122  
 EM 199709  
 ED Entered STN: 19971009  
 Last Updated on STN: 19971009

L7 ANSWER 53 OF 166 CANCERLIT on STN  
 AN 96003856 CANCERLIT  
 DN 96003856 PubMed ID: 7568210  
 TI Ligand-directed retroviral targeting of \*\*\*human\*\*\* breast cancer cells.  
 AU Han X; Kasahara N; Kan Y W  
 CS Department of Laboratory Medicine, University of California, San Francisco 94143-0724, USA.  
 NC AM16666 (NIADDK)  
 HL 20985 (NHLBI)  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, \*\*\* (1995 Oct 10) \*\*\* 92 (21) 9747-51.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 96003856  
 EM 199511  
 ED Entered STN: 19970509  
 Last Updated on STN: 19970509

L7 ANSWER 54 OF 166 CANCERLIT on STN  
 AN 95273097 CANCERLIT  
 DN 95273097 PubMed ID: 7538656  
 TI Cooperative signaling of \*\*\*ErbB3\*\*\* and ErbB2 in neoplastic transformation and \*\*\*human\*\*\* mammary carcinomas.  
 AU Alimandi M; Romano A; Curia M C; Muraro R; Fedi P; Aaronson S A; Di Fiore P P; Kraus M H  
 CS Laboratory of Cellular and Molecular Biology, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20892, USA.  
 SO ONCOGENE, \*\*\* (1995 May 4) \*\*\* 10 (9) 1813-21.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 95273097  
 EM 199506  
 ED Entered STN: 19950707  
 Last Updated on STN: 19970509

L7 ANSWER 55 OF 166 CANCERLIT on STN  
 AN 95110780 CANCERLIT  
 DN 95110780 PubMed ID: 7529049  
 TI The Heregulin gene can be included in the 8p12 amplification unit in \*\*\*human\*\*\* breast cancer.  
 AU Adelaide J; Penault-Llorca F; Dib A; Yarden Y; Jacquemier J; Birnbaum D  
 CS Laboratoire de Biologie des Tumeurs, Institut Paoli-Calmettes, Marseille, France.  
 SO GENES, CHROMOSOMES AND CANCER, \*\*\* (1994 Sep) \*\*\* 11 (1) 66-9.  
 Journal code: 9007329. ISSN: 1045-2257.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 95110780  
EM 199502  
ED Entered STN: 19950313  
Last Updated on STN: 19970509

L7 ANSWER 56 OF 166 CANCERLIT on STN  
AN 94320634 CANCERLIT  
DN 94320634 PubMed ID: 8045292  
TI NDF/hereregulin stimulates the phosphorylation of Her3/ \*\*\*erbB3\*\*\*  
AU Kita Y A; Barff J; Luo Y; Wen D; Brankow D; Hu S; Liu N; Prigent S A;  
Gullick W J; Nicolson M  
CS Department of Immunology, Amgen Center, Thousand Oaks, CA 91320.  
SO FEBS LETTERS, \*\*\* (1994 Jul 25) \*\*\* 349 (1) 139-43.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 94320634  
EM 199409  
ED Entered STN: 19941107  
Last Updated on STN: 19970509

L7 ANSWER 57 OF 166 CANCERLIT on STN  
AN 94306517 CANCERLIT  
DN 94306517 PubMed ID: 8033211  
TI A new acquaintance for \*\*\*erbB3\*\*\* and \*\*\*erbB4\*\*\* : a role for  
receptor heterodimerization in growth signaling.  
AU Carraway K L 3rd; Cantley L C  
CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts  
02115.  
SO CELL, \*\*\* (1994 Jul 15) \*\*\* 78 (1) 5-8. Ref: 22  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 94306517  
EM 199408  
ED Entered STN: 19941107  
Last Updated on STN: 19970509

L7 ANSWER 58 OF 166 CANCERLIT on STN  
AN 94237884 CANCERLIT  
DN 94237884 PubMed ID: 7514177  
TI Coexpression of erbB2 and \*\*\*erbB3\*\*\* proteins reconstitutes a high  
affinity receptor for heregulin.  
AU Sliwkowski M X; Schaefer G; Akita R W; Lofgren J A; Fitzpatrick V D;  
Nuijens A; Fendly B M; Cerione R A; Vandlen R L; Carraway K L 3rd  
CS Genentech, Inc., South San Francisco, California 94080.  
NC GM40654 (NIGMS)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, \*\*\* (1994 May 20) \*\*\* 269 (20) 14661-5.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 94237884  
EM 199406  
ED Entered STN: 19941107  
Last Updated on STN: 19970509

L7 ANSWER 59 OF 166 CANCERLIT on STN  
AN 94067347 CANCERLIT  
DN 94067347 PubMed ID: 7902537  
TI Heregulin induces tyrosine phosphorylation of HER4/p180erbB4.  
AU Plowman G D; Green J M; Culouscou J M; Carlton G W; Rothwell V M; Buckley  
S  
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,  
Washington 98121.  
SO NATURE, \*\*\* (1993 Dec 2) \*\*\* 366 (6454) 473-5.  
Journal code: 0410462. ISSN: 0028-0836.

CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 94067347  
EM 199401  
ED Entered STN: 19941107  
Last Updated on STN: 19970509

L7 ANSWER 60 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:793852 CAPLUS  
DN 133:12849  
TI A Novel Epidermal Growth Factor-like Molecule Containing Two Follistatin  
Modules Stimulates Tyrosine Phosphorylation of erbB-4 in MKN28 Gastric  
Cancer Cells  
AU Uchida, Tohru; Wada, Ken; Akamatsu, Tomonori; Yonezawa, Masaoki; Noguchi,  
Hitoshi; Mizoguchi, Akira; Kasuga, Masato; Sakamoto, Choitsu  
CS Second Department of Internal Medicine, Kobe University School of  
Medicine, Chuo-ku, Kobe, 650-0017, Japan  
SO Biochemical and Biophysical Research Communications ( \*\*\*1999\*\*\* ),  
266(2), 593-602  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press  
DT Journal  
LA English  
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 61 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:311289 CAPLUS  
DN 130:332888  
TI Ribozymes targeted to \*\*\*human\*\*\* ErbB-4 mRNA and their use in  
treatment of breast cancer and other diseases  
IN Tang, Careen K.; Lippman, Marc E.  
PA Georgetown University Medical Center, USA  
SO PCT Int. Appl., 70 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9923209	A2	19990514	WO 1998-US23279	19981030 <--
	WO 9923209	A3	19990902		
	W: AU, CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2309099	AA	19990514	CA 1998-2309099	19981030 <--
	AU 9915187	A1	19990524	AU 1999-15187	19981030 <--
	EP 1025221	A2	20000809	EP 1998-959377	19981030 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6566104	B1	20030520	US 2000-530224	20000623
PRAI	US 1997-63875P	P	19971031		
	WO 1998-US23279	W	19981030		

L7 ANSWER 62 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:271498 CAPLUS  
DN 130:292101  
TI Novel isoforms of the \*\*\*human\*\*\* HER4/ \*\*\*ErbB4\*\*\* epidermal  
growth factor receptors  
IN Klagsbrun, Michael; Elenius, Klaus; Corfas, Gabriel  
PA Children's Medical Center Corporation, USA  
SO PCT Int. Appl., 93 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9919488	A1	19990422	WO 1998-US21828	19981015 <--
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9898053	A1	19990503	AU 1998-98053	19981015 <--
PRAI	US 1997-62373P	P	19971015		



WO 1998-US21828 W 19981015  
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 63 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:518112 CAPLUS  
DN 129:243338  
TI ErbB-4 ribozymes abolish \*\*\*neuregulin\*\*\* -induced mitogenesis  
AU Tang, Careen K.; Goldstein, David J.; Payne, Jennifer; Czubayko, Frank;  
Alimandi, Maurizio; Wang, Ling-Mei; Pierce, Jacalyn H.; Lippman, Marc E.  
CS Lombardi Cancer Center, Department of Biochemistry, Georgetown University  
Medical Center, Washington, DC, 20007-2197, USA  
SO Cancer Research ( \*\*\*1998\*\*\* ), 58(15), 3415-3422  
CODEN: CNREA8; ISSN: 0008-5472  
PB American Association for Cancer Research  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 64 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:767680 CAPLUS  
DN 128:43920  
TI \*\*\*Neuregulins\*\*\* as potential neuroprotective agents  
AU Marchionni, Mark A.; Grinspan, Judith B.; Canoll, Peter D.; Mahanthappa,  
Nagesh K.; Salzer, James L.; Scherer, Steven S.  
CS Cambridge NeuroScience, Inc., Cambridge, MA, 01239, USA  
SO Annals of the New York Academy of Sciences ( \*\*\*1997\*\*\* ),  
825(Neuroprotective Agents), 348-365  
CODEN: ANYAA9; ISSN: 0077-8923  
PB New York Academy of Sciences  
DT Journal; General Review  
LA English  
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 65 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:307353 CAPLUS  
DN 126:341836  
TI Clinical and prognostic significance of the expression of the c-erbB-2 and  
c-erbB-3 oncoproteins in primary and metastatic malignant melanomas and  
breast carcinomas  
AU Bodey, Bela; Bodey, Bela, Jr.; Groger, Angela M.; Luck, James V.; Siegel,  
Stuart E.; Taylor, Clive R.; Kaiser, Hans E.  
CS Department of Pathology, School of Medicine, University of Southern  
California, Los Angeles, CA, USA  
SO Anticancer Research ( \*\*\*1997\*\*\* ), 17(2B), 1319-1330  
CODEN: ANTRD4; ISSN: 0250-7005  
PB Anticancer Research  
DT Journal  
LA English  
RE.CNT 186 THERE ARE 186 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 66 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:592553 CAPLUS  
DN 125:266540  
TI A hierarchical network of interreceptor interactions determines signal  
transduction by Neu differentiation factor/ \*\*\*neuregulin\*\*\* and  
epidermal growth factor  
AU Tzahar, Eldad; Waterman, Hadassa; Chen, Xiomei; Levkowitz, Gil;  
Karunakaran, Devarajan; Lavi, Sara; Ratzkin, Barry J.; Yarden, Yosef  
CS Dep. Mol. Cell Biol., Weizmann Inst. Sci., Rehovot, 76100, Israel  
SO Molecular and Cellular Biology ( \*\*\*1996\*\*\* ), 16(10), 5276-5287  
CODEN: MCEBD4; ISSN: 0270-7306  
PB American Society for Microbiology  
DT Journal  
LA English

L7 ANSWER 67 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:506840 CAPLUS  
DN 125:186571  
TI The epidermal growth factor receptor couples transforming growth  
factor-.alpha., heparin-binding epidermal growth factor-like factor, and  
amphiregulin to Neu, ErbB-3, and ErbB-4  
AU Riese, David J., II; Kim, Edward D.; Elenius, Klaus; Buckley, Sharon;

CS Klagsbrun, Michael; Plowman, Gregory D.; Stern, David F.  
Dep. Pathology, Yale Univ. School of Medicine, New Haven, CT, 06520-8023,  
USA  
SO Journal of Biological Chemistry ( \*\*\*1996\*\*\* ), 271(33), 20047-20052  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English

L7 ANSWER 68 OF 166 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:832501 CAPLUS  
DN 123:219255  
TI The cellular response to \*\*\*neuregulins\*\*\* is governed by complex  
interactions of the erbB receptor family  
AU Riese, David J., II; van Raaij, Tom, M.; Plowman, Gregory D.; Andrews,  
Glenn C.; Stern, David F.  
CS Dep. of Pathology, Yale Univ. Sch. of Medicine, New Haven, CT, 06520-8023,  
USA  
SO Molecular and Cellular Biology ( \*\*\*1995\*\*\* ), 15(10), 5770-6  
CODEN: MCEBD4; ISSN: 0270-7306  
PB American Society for Microbiology  
DT Journal  
LA English

L7 ANSWER 69 OF 166 DISSABS COPYRIGHT (C) 2004 ProQuest Information and  
Learning Company; All Rights Reserved on STN  
AN 2000:12644 DISSABS Order Number: AAI9941259  
TI \*\*\*NEUREGULIN\*\*\* -INDUCED SIGNALING AND CELL BIOLOGY IN THE LNCAP  
\*\*\*HUMAN\*\*\* PROSTATE CARCINOMA CELL LINE (SIGNAL TRANSDUCTION)  
AU GRASSO, ADAM WRIGHT [PH.D.]; KUNG, HSING-JIEN [adviser]  
CS CASE WESTERN RESERVE UNIVERSITY (HEALTH SCIENCES) (0499)  
SO Dissertation Abstracts International, ( \*\*\*1999\*\*\* ) Vol. 60, No. 8B, p.  
3741. order No.: AAI9941259. 210 pages.  
DT Dissertation  
FS DAI  
LA English

L7 ANSWER 70 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAW97623 Peptide DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop  
products for treating nervous system disorders, e.g. stroke, ischaemia,  
infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
DESC \*\*\*Neuregulin\*\*\* related ligand 3 (NRG3) partial peptide.

L7 ANSWER 71 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAW97619 Protein DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop  
products for treating nervous system disorders, e.g. stroke, ischaemia,  
infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
CR N-PSDB: AAX06989  
DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3 (splice  
variant).

L7 ANSWER 72 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAW97622 Protein DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop  
products for treating nervous system disorders, e.g. stroke, ischaemia,  
infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3 EGF-like domain.

L7 ANSWER 73 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW97621 Protein DGENE  
 TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3 extracellular domain.

L7 ANSWER 74 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW97618 Protein DGENE  
 TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 CR N-PSDB: AAX06988  
 DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3.

L7 ANSWER 75 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW97620 Protein DGENE  
 TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 DESC Mouse \*\*\*neuregulin\*\*\* related ligand NRG3 extracellular domain.

L7 ANSWER 76 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW97617 Protein DGENE  
 TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome

IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 CR N-PSDB: AAX06987

DESC Mouse \*\*\*neuregulin\*\*\* related ligand NRG3.

L7 ANSWER 77 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAW97624 Peptide DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
DESC \*\*\*Neuregulin\*\*\* related ligand 3 (NRG3) partial peptide.

L7 ANSWER 78 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAX06990 DNA DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
DESC Expressed sequence tag encoding \*\*\*neuregulin\*\*\* NRG1 like protein.

L7 ANSWER 79 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAX06991 DNA DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
DESC \*\*\*Neuregulin\*\*\* related ligand NRG3 probe.

L7 ANSWER 80 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAX06989 cDNA DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
AI WO 1998-US13411 19980630  
PRAI US 1997-899437 19970724  
US 1997-52019 19970709  
DT Patent  
LA English  
OS 1999-120882 [10]  
CR P-PSDB: AAW97619  
DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3 cDNA (splice variant).

L7 ANSWER 81 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAX06988 cDNA DGENE  
TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop products for treating nervous system disorders, e.g. stroke, ischaemia, infection, malignancy, Alzheimer's disease or Down's syndrome  
IN Godowski P J; Mark M R; Zhang D  
PA (GETH) GENENTECH INC.  
PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*

AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 CR P-PSDB: AAW97618  
 DESC \*\*\*Human\*\*\* \*\*\*neuregulin\*\*\* related ligand NRG3 cDNA.

L7 ANSWER 82 OF 166 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAX06987 cDNA DGENE  
 TI New isolated \*\*\*neuregulin\*\*\* related ligand-3 - used to develop  
 products for treating nervous system disorders, e.g. stroke, ischaemia,  
 infection, malignancy, Alzheimer's disease or Down's syndrome  
 IN Godowski P J; Mark M R; Zhang D  
 PA (GETH) GENENTECH INC.  
 PI \*\*\*WO 9902681 A1 19990121 101p\*\*\*  
 AI WO 1998-US13411 19980630  
 PRAI US 1997-899437 19970724  
 US 1997-52019 19970709  
 DT Patent  
 LA English  
 OS 1999-120882 [10]  
 CR P-PSDB: AAW97617  
 DESC Mouse \*\*\*neuregulin\*\*\* related ligand NRG3 cDNA.

L7 ANSWER 83 OF 166 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2001170710 EMBASE  
 TI \*\*\*ErbB4\*\*\* and its isoformsselective regulation of growth factor  
 responses by naturally occurring receptor variants.  
 AU Junttila T.T.; Sundvall M.; Maatta J.A.; Elenius K.  
 CS Dr. K. Elenius, Medicity Research Laboratory, University of Turku,  
 Tykistokatu 6A, FIN-20520 Turku, Finland. klaus.elenius@utu.fi  
 SO Trends in Cardiovascular Medicine, (2000) 10/7 (304-310).  
 Refs: 60  
 ISSN: 1050-1738 CODEN: TCMDEQ  
 PUI S 1050-1738(01)00065-2  
 CY United States  
 DT Journal; General Review  
 FS 016 Cancer  
 018 Cardiovascular Diseases and Cardiovascular Surgery  
 022 Human Genetics  
 029 Clinical Biochemistry  
 005 General Pathology and Pathological Anatomy  
 LA English  
 SL English

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 DT Journal; Article  
 FS 029 Clinical Biochemistry  
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 AN 2000020568 ESBIOBASE  
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 CS J.R. Bender, Boyer Center for Molecular Medicine, Yale Univ. School of  
 Medicine, 295 Congress Ave., New Haven, CT 06536-0812, United States.  
 E-mail: jeffrey.bender@yale.edu  
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 CODEN: AJPPDI ISSN: 0363-6135  
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 CY United States  
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 CS R.A. Kelly, Division of Cardiology, Brigham and Women's Hospital, 75  
 Francis St., Boston, MA 02115, United States.  
 E-mail: rakelly@ics.bwh.harvard.edu  
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 MA 02139, United States.  
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 CS Department of Medicine, Oncology, Lady Davis Institute for Medical  
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 University, Montreal, Quebec H3T 1E2, Canada.  
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 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200008  
 ED Entered STN: 20000901  
 Last Updated on STN: 20000915  
 Entered Medline: 20000824

L7 ANSWER 89 OF 166 MEDLINE on STN  
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 AU deFazio A; Chiew Y E; Sini R L; Janes P W; Sutherland R L  
 CS Cancer Research Program, Garvan Institute of Medical Research, St.  
 Vincent's Hospital, Sydney, Australia.. annadf@westgate.wh.usyd.edu.au  
 SO International journal of cancer. Journal international du cancer,  
 \*\*\* (2000 Aug 15) \*\*\* 87 (4) 487-98.  
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L7 ANSWER 90 OF 166 MEDLINE on STN  
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Last Updated on STN: 20000512  
Entered Medline: 20000504

L7 ANSWER 92 OF 166 MEDLINE on STN  
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CS Departments of Internal Medicine, Pediatrics, and Anatomy and Cell Biology, University of Iowa College of Medicine, Iowa City, IA 52242, USA.  
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Last Updated on STN: 20021218  
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CS Department of Molecular Biology, Max-Planck-Institut fur Biochemie, Martinsried, Germany.

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 Last Updated on STN: 20000330  
 Entered Medline: 20000317

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 DN PubMed ID: 10589783  
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 NC R01 CA 39930 (NCI)  
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 Last Updated on STN: 20000114  
 Entered Medline: 20000106

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 AU Aguilar Z; Akita R W; Finn R S; Ramos B L; Pegram M D; Kabbinavar F F; Pietras R J; Pisacane P; Sliwkowski M X; Slamon D J  
 CS Division of Hematology and Oncology, Department of Medicine, UCLA School of Medicine, Los Angeles, California, CA 90095 USA.  
 NC P01 CA32737 (NCI)  
 SO Oncogene, \*\*\* (1999 Oct 28) \*\*\* 18 (44) 6050-62.  
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 CY ENGLAND: United Kingdom  
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 ED Entered STN: 20000113  
 Last Updated on STN: 20000113  
 Entered Medline: 19991203

L7 ANSWER 96 OF 166 MEDLINE on STN  
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 DN PubMed ID: 10559400  
 TI \*\*\*Neuregulins\*\*\* signaling via a glial erbB-2-erbB-4 receptor complex contribute to the neuroendocrine control of mammalian sexual development.  
 AU Ma Y J; Hill D F; Creswick K E; Costa M E; Cornea A; Lioubin M N; Plowman G D; Ojeda S R  
 CS Division of Neuroscience, Oregon Regional Primate Research Center, Beaverton, Oregon 97006, USA.  
 NC HD25123 (NICHD)  
 P30 HD18185 (NICHD)  
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 CY United States  
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 Entered Medline: 19991202



L7 ANSWER 97 OF 166 MEDLINE on STN  
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 DN PubMed ID: 10537356  
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 CS Receptor Biology Laboratory, Imperial Cancer Research Fund Molecular  
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 ED Entered STN: 20000111  
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 Entered Medline: 19991124

L7 ANSWER 98 OF 166 MEDLINE on STN  
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 CS Department of Laboratory Medicine and Pathology, University of Minnesota,  
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 ED Entered STN: 19991101  
 Last Updated on STN: 20000303  
 Entered Medline: 19991018

L7 ANSWER 99 OF 166 MEDLINE on STN  
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 DN PubMed ID: 10226586  
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 AU al Moustafa A E; Alaoui-Jamali M; Paterson J; O'Connor-McCourt M  
 CS National Research Council Canada, Biotechnology Research Institute,  
 Montreal, Quebec, Canada.. ala-eddin.al\_moustafa@nrc.ca  
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 CY Greece  
 DT Journal; Article; (JOURNAL ARTICLE)  
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 EM 199905  
 ED Entered STN: 19990601  
 Last Updated on STN: 20000303  
 Entered Medline: 19990520

L7 ANSWER 100 OF 166 MEDLINE on STN  
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 AU Tan M; Grijalva R; Yu D  
 CS Department of Surgical Oncology and The Breast Cancer Basic Research  
 Program, The University of Texas M.D. Anderson Cancer Center, Houston  
 77030, USA.  
 NC CA60488 (NCI)  
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CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
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EM 199904  
ED Entered STN: 19990504  
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Entered Medline: 19990421

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CS Tumor Growth Factor Section, Laboratory of Tumor Immunology and Biology, NCI, National Institutes of Health, Bethesda, Maryland 20892, USA.  
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LA English  
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EM 199904  
ED Entered STN: 19990511  
Last Updated on STN: 20000303  
Entered Medline: 19990429

L7 ANSWER 102 OF 166 MEDLINE on STN  
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LA English  
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EM 199811  
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CS First Department of Internal Medicine, Nagoya City University Medical School, Japan.  
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CY ENGLAND: United Kingdom  
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Last Updated on STN: 20000303  
Entered Medline: 19980915

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CY Switzerland  
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EM 199810  
ED Entered STN: 19981029  
Last Updated on STN: 20000303  
Entered Medline: 19981020

L7 ANSWER 105 OF 166 MEDLINE on STN  
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CS Molecular and Cellular Biology Program, University of Maryland, School of  
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CY Ireland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
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ED Entered STN: 19981008  
Last Updated on STN: 20000303  
Entered Medline: 19980925

L7 ANSWER 106 OF 166 MEDLINE on STN  
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J  
CS Cancer Research Program, and CRC for Biopharmaceutical Research, Garvan  
Institute of Medical Research, St. Vincent's Hospital, Sydney, NSW,  
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Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
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ED Entered STN: 19980811  
Last Updated on STN: 20000303  
Entered Medline: 19980728

L7 ANSWER 107 OF 166 MEDLINE on STN  
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DN PubMed ID: 9648926  
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erbB-2 transformed rat thyroid epithelial cells.  
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CS Dipartimento di Oncologia e Neuroscienze, Cattedra di Patologia Generale,  
Facolta di Medicina e Chirurgia, Universita G. D'Annunzio, Chieti, Italy.  
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DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
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ED Entered STN: 19980716  
Last Updated on STN: 20000303  
Entered Medline: 19980709

L7 ANSWER 108 OF 166 MEDLINE on STN  
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DN PubMed ID: 9581810  
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 AU Furger C; Fiddes R J; Quinn D I; Bova R J; Daly R J; Sutherland R L  
 CS Cancer Research Program, Garvan Institute of Medical Research, St. Vincent's Hospital, Sydney, New South Wales, Australia.  
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 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
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 EM 199806  
 ED Entered STN: 19980611  
 Last Updated on STN: 20000303  
 Entered Medline: 19980602

L7 ANSWER 109 OF 166 MEDLINE on STN  
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 CS Department of Protein Chemistry, Genentech, Inc., South San Francisco, California 94080, USA.  
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 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
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 FS Priority Journals  
 EM 199806  
 ED Entered STN: 19980618  
 Last Updated on STN: 20000303  
 Entered Medline: 19980605

L7 ANSWER 110 OF 166 MEDLINE on STN  
 AN 1998223031 MEDLINE  
 DN PubMed ID: 9563567  
 TI Temporal and spatial expression of \*\*\*erbB4\*\*\* in ectodermal and mesenchymal cells during primary palatogenesis in noncleft and cleft strains of mice.  
 AU Wang K Y; Chang F H; Chiang C P; Chen K C; Kuo M Y  
 CS School of Dentistry, National Taiwan University, Taipei, ROC.  
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 CY Denmark  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Dental Journals; Priority Journals  
 EM 199806  
 ED Entered STN: 19980618  
 Last Updated on STN: 20000303  
 Entered Medline: 19980609

L7 ANSWER 111 OF 166 MEDLINE on STN  
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 DN PubMed ID: 9485477  
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 AU Landgraf R; Pegram M; Slamon D J; Eisenberg D  
 CS Department of Chemistry and Biochemistry and Division of Hematology-Oncology, University of California--Los Angeles, Box 951570, Los Angeles, California 90095-1570, USA.  
 NC 1K12 CA01714 (NCI)  
 GM31299 (NIGMS)  
 SO Biochemistry, \*\*\* (1998 Mar 3) \*\*\* 37 (9) 3220-8.  
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 CY United States  
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 EM 199804

ED Entered STN: 19980416  
Last Updated on STN: 20000303  
Entered Medline: 19980403

L7 ANSWER 112 OF 166 MEDLINE on STN  
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AU Westphal M; Meima L; Szonyi E; Lofgren J; Meissner H; Hamel W; Nikolics K;  
Sliwkowski M X  
CS Department of Neurosurgery, University Hospital Eppendorf, Hamburg,  
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DT Journal; Article; (JOURNAL ARTICLE)  
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FS Priority Journals  
EM 199802  
ED Entered STN: 19980312  
Last Updated on STN: 20000303  
Entered Medline: 19980227

L7 ANSWER 113 OF 166 MEDLINE on STN  
AN 97384965 MEDLINE  
DN PubMed ID: 9242460  
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medulloblastoma.  
AU Gilbertson R J; Perry R H; Kelly P J; Pearson A D; Lunec J  
CS Cancer Research Unit, The Medical School, University of Newcastle upon  
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CY United States  
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LA English  
FS Priority Journals  
EM 199709  
ED Entered STN: 19970922  
Last Updated on STN: 20000303  
Entered Medline: 19970911

L7 ANSWER 114 OF 166 MEDLINE on STN  
AN 97359771 MEDLINE  
DN PubMed ID: 9216687  
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CS University of Maryland Cancer Center, Department of Pathology, Baltimore  
21201, USA.  
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CY Greece  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970813  
Last Updated on STN: 20000303  
Entered Medline: 19970804

L7 ANSWER 115 OF 166 MEDLINE on STN  
AN 97277350 MEDLINE  
DN PubMed ID: 9115272  
TI Secondary dimerization between members of the epidermal growth factor  
receptor family.  
AU Gamett D C; Pearson G; Cerione R A; Friedberg I  
CS Department of Pharmacology, Veterinary Medical Center, Cornell University,  
Ithaca, New York 14853, USA.  
GM40654 (NIGMS)  
SO Journal of biological chemistry, \*\*\* (1997 May 2)\*\*\* 272 (18) 12052-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals

EM 199706  
 ED Entered STN: 19970612  
 Last Updated on STN: 20000303  
 Entered Medline: 19970602

L7 ANSWER 116 OF 166 MEDLINE on STN  
 AN 97094840 MEDLINE  
 DN PubMed ID: 8940074  
 TI The relationship between \*\*\*human\*\*\* epidermal growth-like factor  
 receptor expression and cellular transformation in NIH3T3 cells.  
 AU Cohen B D; Kiener P A; Green J M; Foy L; Fell H P; Zhang K  
 CS Molecular Immunology Department, Bristol-Myers Squibb, Pharmaceutical  
 Research Institute, Seattle Washington 98121, USA.  
 SO Journal of biological chemistry, \*\*\* (1996 Nov 29)\*\*\* 271 (48)  
 30897-903.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199701  
 ED Entered STN: 19970128  
 Last Updated on STN: 20000303  
 Entered Medline: 19970107

L7 ANSWER 117 OF 166 MEDLINE on STN  
 AN 96430202 MEDLINE  
 DN PubMed ID: 8833330  
 TI Analysis of heregulin-induced ErbB2 phosphorylation with a high-throughput  
 Kinase receptor activation enzyme-linked immunosorbant assay.  
 AU Sadick M D; Sliwkowski M X; Nuijens A; Bald L; Chiang N; Lofgren J A; Wong  
 W L  
 CS Department of BioAnalytical Technology Research Immunochemistry, Genetech,  
 Inc., South San Francisco, California 94080, USA.. sadick.michael@gene.com  
 SO Analytical biochemistry, \*\*\* (1996 Mar 15)\*\*\* 235 (2) 207-14.  
 Journal code: 0370535. ISSN: 0003-2697.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199705  
 ED Entered STN: 19970612  
 Last Updated on STN: 20000303  
 Entered Medline: 19970530

L7 ANSWER 118 OF 166 MEDLINE on STN  
 AN 96422506 MEDLINE  
 DN PubMed ID: 8825123  
 TI The significance of heregulin in breast cancer tumor progression and drug  
 resistance.  
 AU Lupu R; Cardillo M; Cho C; Harris L; Hijazi M; Perez C; Rosenberg K; Yang  
 D; Tang C  
 CS Vincent T. Lombardi Cancer Research Center, Georgetown University Medical  
 Center, Washington DC, USA.  
 SO Breast cancer research and treatment, \*\*\* (1996)\*\*\* 38 (1) 57-66. Ref:  
 53  
 Journal code: 8111104. ISSN: 0167-6806.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199611  
 ED Entered STN: 19961219  
 Last Updated on STN: 20000303  
 Entered Medline: 19961114

L7 ANSWER 119 OF 166 MEDLINE on STN  
 AN 96386031 MEDLINE  
 DN PubMed ID: 8793861  
 TI \*\*\*Neuregulins\*\*\* in development.  
 AU Lemke G  
 CS Molecular Neurobiology Laboratory, Salk Institute, La Jolla, California  
 92037, USA.  
 SO Molecular and cellular neurosciences, \*\*\* (1996 Apr)\*\*\* 7 (4) 247-62.

Ref: 102  
 Journal code: 9100095. ISSN: 1044-7431.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 199703  
 ED Entered STN: 19970313  
 Last Updated on STN: 20000303  
 Entered Medline: 19970303

L7 ANSWER 120 OF 166 MEDLINE on STN  
 AN 96324988 MEDLINE  
 DN PubMed ID: 8702564  
 TI Selective cleavage of the heregulin receptor ErbB-4 by protein kinase C activation.  
 AU Vecchi M; Baulida J; Carpenter G  
 CS Departments of Biochemistry and Medicine, Vanderbilt University School of Medicine, Nashville, Tennessee 37232-0146, USA.  
 NC CA24071 (NCI)  
 SO Journal of biological chemistry, \*\*\* (1996 Aug 2)\*\*\* 271 (31) 18989-95.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199609  
 ED Entered STN: 19961008  
 Last Updated on STN: 20000303  
 Entered Medline: 19960924

L7 ANSWER 121 OF 166 MEDLINE on STN  
 AN 96293399 MEDLINE  
 DN PubMed ID: 8700512  
 TI Neu differentiation factor (Heregulin) activates a p53-dependent pathway in cancer cells.  
 AU Bacus S S; Yarden Y; Oren M; Chin D M; Lyass L; Zelnick C R; Kazarov A; Toyofuku W; Gray-Bablin J; Beerli R R; Hynes N E; Nikiforov M; Haffner R; Gudkov A; Keyomarsi K  
 CS Advanced Cellular Diagnostics, Inc., Elmhurst, IL 60126, USA.  
 NC CA60730 (NCI)  
 CA62045 (NCI)  
 SO Oncogene, \*\*\* (1996 Jun 20)\*\*\* 12 (12) 2535-47.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199609  
 ED Entered STN: 19960912  
 Last Updated on STN: 20000303  
 Entered Medline: 19960904

L7 ANSWER 122 OF 166 MEDLINE on STN  
 AN 96214963 MEDLINE  
 DN PubMed ID: 8617810  
 TI All ErbB receptors other than the epidermal growth factor receptor are endocytosis impaired.  
 AU Baulida J; Kraus M H; Alimandi M; Di Fiore P P; Carpenter G  
 CS Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, Tennessee 37232-0146, USA.  
 NC CA24071 (NCI)  
 SO Journal of biological chemistry, \*\*\* (1996 Mar 1)\*\*\* 271 (9) 5251-7.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199606  
 ED Entered STN: 19960620  
 Last Updated on STN: 20000303  
 Entered Medline: 19960611

L7 ANSWER 123 OF 166 MEDLINE on STN

AN 96205948 MEDLINE  
 DN PubMed ID: 8631797  
 TI An immunological approach reveals biological differences between the two  
 NDF/hereregulin receptors, ErbB-3 and ErbB-4.  
 AU Chen X; Levkowitz G; Tzahar E; Karunagaran D; Lavi S; Ben-Baruch N;  
 Leitner O; Ratzkin B J; Bacus S S; Yarden Y  
 CS Department of Chemical Immunology, Weizmann Institute of Science, Rehovot,  
 Israel.  
 SO Journal of biological chemistry, \*\*\* (1996 Mar 29)\*\*\* 271 (13) 7620-9.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199607  
 ED Entered STN: 19960715  
 Last Updated on STN: 20000303  
 Entered Medline: 19960703

L7 ANSWER 124 OF 166 MEDLINE on STN  
 AN 96201648 MEDLINE  
 DN PubMed ID: 8622888  
 TI Signal transduction pathways induced by heregulin in MDA-MB-453 breast  
 cancer cells.  
 AU Sepp-Lorenzino L; Eberhard I; Ma Z; Cho C; Serve H; Liu F; Rosen N; Lupu R  
 CS Department of Medicine, Memorial Sloan-Kettering Cancer Center, New York,  
 NY 10021, USA.  
 NC R01 CA 55406-01 (NCI)  
 R01 CA 58706-01 (NCI)  
 SO Oncogene, \*\*\* (1996 Apr 18)\*\*\* 12 (8) 1679-87.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199606  
 ED Entered STN: 19960627  
 Last Updated on STN: 20000303  
 Entered Medline: 19960618

L7 ANSWER 125 OF 166 MEDLINE on STN  
 AN 96198059 MEDLINE  
 DN PubMed ID: 8626392  
 TI Epidermal growth factor-related peptides activate distinct subsets of ErbB  
 receptors and differ in their biological activities.  
 AU Beerli R R; Hynes N E  
 CS Friedrich Miescher-Institut, Basel, Switzerland.  
 SO Journal of biological chemistry, \*\*\* (1996 Mar 15)\*\*\* 271 (11) 6071-6.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199606  
 ED Entered STN: 19960708  
 Last Updated on STN: 20000303  
 Entered Medline: 19960624

L7 ANSWER 126 OF 166 MEDLINE on STN  
 AN 96192335 MEDLINE  
 DN PubMed ID: 9019162  
 TI Heregulin (HRG)-induced mitogenic signaling and cytotoxic activity of a  
 HRG/PE40 ligand toxin in \*\*\*human\*\*\* breast cancer cells.  
 AU Fiddes R J; Janes P W; Sanderson G M; Sivertsen S P; Sutherland R L; Daly  
 R J  
 CS Co-operative Research Centre for Biopharmaceutical Research, Garvan  
 Institute of Medical Research, St. Vincent's Hospital, Sydney, New South  
 Wales, Australia.  
 SO Cell growth & differentiation : molecular biology journal of the American  
 Association for Cancer Research, \*\*\* (1995 Dec)\*\*\* 6 (12) 1567-77.  
 Journal code: 9100024. ISSN: 1044-9523.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199702



ED Entered STN: 19970227  
Last Updated on STN: 20020420  
Entered Medline: 19970211

L7 ANSWER 127 OF 166 MEDLINE on STN  
AN 96189328 MEDLINE  
DN PubMed ID: 8640840  
TI Growth regulation of \*\*\*human\*\*\* breast and ovarian tumor cells by heregulin: Evidence for the requirement of ErbB2 as a critical component in mediating heregulin responsiveness.  
AU Lewis G D; Lofgren J A; McMurtrey A E; Nuijens A; Fendly B M; Bauer K D; Sliwowski M X  
CS Genentech, Inc., South San Francisco, California 94080, USA.  
SO Cancer research, \*\*\* (1996 Mar 15) \*\*\* 56 (6) 1457-65.  
Journal code: 2984705R. ISSN: 0008-5472.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199607  
ED Entered STN: 19960726  
Last Updated on STN: 20000303  
Entered Medline: 19960715

L7 ANSWER 128 OF 166 MEDLINE on STN  
AN 96178221 MEDLINE  
DN PubMed ID: 8617201  
TI ErbB-2 is a common auxiliary subunit of NDF and EGF receptors: implications for breast cancer.  
AU Karunagaran D; Tzahar E; Beerli R R; Chen X; Graus-Porta D; Ratzkin B J; Seger R; Hynes N E; Yarden Y  
CS Departement of Chemical Immunology, The Weizmann Institute of Science, Rehovot, Israel.  
SO EMBO journal, \*\*\* (1996 Jan 15) \*\*\* 15 (2) 254-64.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199606  
ED Entered STN: 19960620  
Last Updated on STN: 20000303  
Entered Medline: 19960613

L7 ANSWER 129 OF 166 MEDLINE on STN  
AN 96152900 MEDLINE  
DN PubMed ID: 8570211  
TI Betacellulin activates the epidermal growth factor receptor and erbB-4, and induces cellular response patterns distinct from those stimulated by epidermal growth factor or \*\*\*neuregulin\*\*\* -beta.  
AU Riese D J 2nd; Bermingham Y; van Raaij T M; Buckley S; Plowman G D; Stern D F  
CS Department of Pathology, Yale University School of Medicine, New Haven, CT 06520-8023, USA.  
NC CA-45708 (NCI)  
HD-07149 (NICHD)  
SO Oncogene, \*\*\* (1996 Jan 18) \*\*\* 12 (2) 345-53.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199603  
ED Entered STN: 19960315  
Last Updated on STN: 20000303  
Entered Medline: 19960301

L7 ANSWER 130 OF 166 MEDLINE on STN  
AN 96096535 MEDLINE  
DN PubMed ID: 8522190  
TI Cloning of the rat \*\*\*ErbB3\*\*\* cDNA and characterization of the recombinant protein.  
AU Hellyer N J; Kim H H; Greaves C H; Sierke S L; Koland J G  
CS Department of Pharmacology, University of Iowa College of Medicine, Iowa City 52242-1109, USA.  
SO Gene, \*\*\* (1995 Nov 20) \*\*\* 165 (2) 279-84.

Journal code: 7706761. ISSN: 0378-1119.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-U29339  
 EM 199601  
 ED Entered STN: 19960219  
 Last Updated on STN: 20000303  
 Entered Medline: 19960122

L7 ANSWER 131 OF 166 MEDLINE on STN  
 AN 96077098 MEDLINE  
 DN PubMed ID: 7477364  
 TI Cell-cell signalling. neu tack on \*\*\*neuregulin\*\*\*  
 CM Comment on: Nature. 1995 Nov 23;378(6555):386-90. PubMed ID: 7477375  
 Comment on: Nature. 1995 Nov 23;378(6555):390-4. PubMed ID: 7477376  
 Comment on: Nature. 1995 Nov 23;378(6555):394-8. PubMed ID: 7477377  
 AU Marchionni M A  
 SO Nature, \*\*\* (1995 Nov 23)\*\*\* 378 (6555) 334-5.  
 Journal code: 0410462. ISSN: 0028-0836.  
 CY ENGLAND: United Kingdom  
 DT Commentary  
 News Announcement  
 LA English  
 FS Priority Journals  
 EM 199512  
 ED Entered STN: 19960124  
 Last Updated on STN: 20000303  
 Entered Medline: 19951228

L7 ANSWER 132 OF 166 MEDLINE on STN  
 AN 96069357 MEDLINE  
 DN PubMed ID: 8524214  
 TI Neu differentiation factor activation of ErbB-3 and ErbB-4 is cell  
 specific and displays a differential requirement for ErbB-2.  
 AU Beerli R R; Graus-Porta D; Woods-Cook K; Chen X; Yarden Y; Hynes N E  
 CS Friedrich Miescher-Institut, Basel, Switzerland.  
 SO Molecular and cellular biology, \*\*\* (1995 Dec)\*\*\* 15 (12) 6496-505.  
 Journal code: 8109087. ISSN: 0270-7306.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199601  
 ED Entered STN: 19960219  
 Last Updated on STN: 20000303  
 Entered Medline: 19960119

L7 ANSWER 133 OF 166 MEDLINE on STN  
 AN 95403469 MEDLINE  
 DN PubMed ID: 7673253  
 TI Heregulin activation of extracellular acidification in mammary carcinoma  
 cells is associated with expression of HER2 and HER3.  
 AU Chan S D; Antoniucci D M; Fok K S; Alajoki M L; Harkins R N; Thompson S A;  
 Wada H G  
 CS Molecular Devices Corporation, Sunnyvale, California 94089, USA.  
 SO Journal of biological chemistry, \*\*\* (1995 Sep 22)\*\*\* 270 (38)  
 22608-13.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199510  
 ED Entered STN: 19951026  
 Last Updated on STN: 20000303  
 Entered Medline: 19951017

L7 ANSWER 134 OF 166 MEDLINE on STN  
 AN 95279430 MEDLINE  
 DN PubMed ID: 7759543  
 TI HER4 receptor activation and phosphorylation of Shc proteins by  
 recombinant heregulin-Fc fusion proteins.  
 AU Culouscou J M; Carlton G W; Aruffo A  
 CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,

Washington 98121, USA.  
 SO Journal of biological chemistry, \*\*\* (1995 May 26) \*\*\* 270 (21)  
 12857-63.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199506  
 ED Entered STN: 19950707  
 Last Updated on STN: 20000303  
 Entered Medline: 19950628

L7 ANSWER 135 OF 166 MEDLINE on STN  
 AN 95249250 MEDLINE  
 DN PubMed ID: 7731691  
 TI ErbB-3 mediates differential mitogenic effects of NDF/heregulin isoforms  
 on mouse keratinocytes.  
 AU Marikovsky M; Lavi S; Pinkas-Kramarski R; Karunagaran D; Liu N; Wen D;  
 Yarden Y  
 CS Department of Cell Biology, Weizmann Institute of Science, Rehovot,  
 Israel.  
 NC CA51712 (NCI)  
 SO Oncogene, \*\*\* (1995 Apr 6) \*\*\* 10 (7) 1403-11.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199505  
 ED Entered STN: 19950608  
 Last Updated on STN: 20000303  
 Entered Medline: 19950530

L7 ANSWER 136 OF 166 MEDLINE on STN  
 AN 95238481 MEDLINE  
 DN PubMed ID: 7721889  
 TI The structural basis for the specificity of epidermal growth factor and  
 heregulin binding.  
 CM Erratum in: J Biol Chem 1995 Nov 24;270(47):28494  
 AU Barbacci E G; Guarino B C; Stroh J G; Singleton D H; Rosnack K J; Moyer J  
 D; Andrews G C  
 CS Pfizer Central Research, Groton, Connecticut 06340, USA.  
 SO Journal of biological chemistry, \*\*\* (1995 Apr 21) \*\*\* 270 (16) 9585-9.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199505  
 ED Entered STN: 19950605  
 Last Updated on STN: 20000303  
 Entered Medline: 19950523

L7 ANSWER 137 OF 166 MEDLINE on STN  
 AN 95221428 MEDLINE  
 DN PubMed ID: 7535774  
 TI HER4 expression correlates with cytotoxicity directed by a heregulin-toxin  
 fusion protein.  
 AU Siegall C B; Bacus S S; Cohen B D; Plowman G D; Mixan B; Chace D; Chin D  
 M; Goetze A; Green J M; Hellstrom I; +  
 CS Molecular Immunology Department, Bristol-Myers Squibb, Pharmaceutical  
 Research Institute, Seattle, Washington 98121, USA.  
 SO Journal of biological chemistry, \*\*\* (1995 Mar 31) \*\*\* 270 (13) 7625-30.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199505  
 ED Entered STN: 19950518  
 Last Updated on STN: 20020420  
 Entered Medline: 19950510

L7 ANSWER 138 OF 166 MEDLINE on STN  
 AN 95221358 MEDLINE

DN PubMed ID: 7535767  
TI Heregulin stimulates mitogenesis and phosphatidylinositol 3-kinase in  
mouse fibroblasts transfected with erbB2/neu and \*\*\*erbB3\*\*\*  
AU Carraway K L 3rd; Soltoff S P; Diamonti A J; Cantley L C  
CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts  
02115, USA.  
NC GM41890 (NIGMS)  
SO Journal of biological chemistry, \*\*\* (1995 Mar 31) \*\*\* 270 (13) 7111-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199505  
ED Entered STN: 19950518  
Last Updated on STN: 20000303  
Entered Medline: 19950510

L7 ANSWER 139 OF 166 MEDLINE on STN  
AN 95183480 MEDLINE  
DN PubMed ID: 7877996  
TI Axon-induced mitogenesis of \*\*\*human\*\*\* Schwann cells involves  
heregulin and p185erbB2.  
AU Morrissey T K; Levi A D; Nuijens A; Sliwkowski M X; Bunge R P  
CS Miami Project to Cure Paralysis, University of Miami School of Medicine,  
FL 33136.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, \*\*\* (1995 Feb 28) \*\*\* 92 (5) 1431-5.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199504  
ED Entered STN: 19950419  
Last Updated on STN: 20000303  
Entered Medline: 19950404

L7 ANSWER 140 OF 166 MEDLINE on STN  
AN 95173674 MEDLINE  
DN PubMed ID: 7869101  
TI The influence of heregulins on \*\*\*human\*\*\* Schwann cell proliferation.  
AU Levi A D; Bunge R P; Lofgren J A; Meima L; Hefti F; Nikolics K; Sliwkowski  
M X  
CS Miami Project to Cure Paralysis, University of Miami School of Medicine,  
Florida 33136.  
NC NS09923 (NINDS)  
SO Journal of neuroscience : official journal of the Society for  
Neuroscience, \*\*\* (1995 Feb) \*\*\* 15 (2) 1329-40.  
Journal code: 8102140. ISSN: 0270-6474.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199503  
ED Entered STN: 19950407  
Last Updated on STN: 20000303  
Entered Medline: 19950329

L7 ANSWER 141 OF 166 MEDLINE on STN  
AN 95164044 MEDLINE  
DN PubMed ID: 7860149  
TI Targeted inhibition of tumor-cell growth by recombinant heregulin-toxin  
fusion proteins.  
AU Jeschke M; Wels W; Dengler W; Imber R; Stocklin E; Groner B  
CS Friedrich Miescher Institute, Basel, Switzerland.  
SO International journal of cancer. Journal international du cancer,  
\*\*\* (1995 Mar 3) \*\*\* 60 (5) 730-9.  
Journal code: 0042124. ISSN: 0020-7136.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199503  
ED Entered STN: 19950404  
Last Updated on STN: 20020420

Entered Medline: 19950323

L7 ANSWER 142 OF 166 MEDLINE on STN  
AN 93366731 MEDLINE  
DN PubMed ID: 7689552  
TI Characterization of a breast cancer cell differentiation factor that  
specifically activates the HER4/p180erbB4 receptor.  
AU Culouscou J M; Plowman G D; Carlton G W; Green J M; Shoyab M  
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle,  
Washington 98121.  
SO Journal of biological chemistry, \*\*\* (1993 Sep 5)\*\*\* 268 (25) 18407-10.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199309  
ED Entered STN: 19931015  
Last Updated on STN: 20000303  
Entered Medline: 19930930

L7 ANSWER 143 OF 166 NTIS COPYRIGHT 2004 NTIS on STN  
AN 2001(15):02385 NTIS Order Number: ADA383088/XAB  
TI Network Interaction of erbB, neu-erb2, \*\*\*erbB3\*\*\*, \*\*\*erbB4\*\*\*,  
in the Biological Response to NDF/hereregulins. Final rept. 28 Sep 1994-27  
Sep 1999.  
AU Stern, D. F.  
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)  
NR ADA383088/XAB  
92p; Oct 1999  
NC Contract(s): DAMD17-94-J-4476  
DT Report  
CY United States  
LA English  
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OS GRA&I0103

L7 ANSWER 144 OF 166 NTIS COPYRIGHT 2004 NTIS on STN  
AN 2000(15):02798 NTIS Order Number: ADA368556/XAB  
TI Network Interaction of erbB, neu-erb2, \*\*\*erbB3\*\*\*, \*\*\*erbB4\*\*\*,  
in the Biological Response to NDF/hereregulins. Annual rept. 28 Sep 97-27  
Sep 98.  
AU Stern, D. F.  
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)  
NR ADA368556/XAB  
37p; Oct 1998  
NC Contract(s): DAMD17-94-J-4476  
DT Report  
CY United States  
LA English  
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NTIS Prices: PC A04/MF A01  
OS GRA&I0003

L7 ANSWER 145 OF 166 NTIS COPYRIGHT 2004 NTIS on STN  
AN 1998(19):00351 NTIS Order Number: AD-A340 922/4/XAB  
TI Network Interaction of erbB, neu-erb2, \*\*\*erbB3\*\*\*, \*\*\*erbB4\*\*\*,  
in the Biological Response to NDF/Heregulins. Annual rept. 28 Sep  
96-27 Sep 97.  
AU Stern, D. F.  
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)  
NR AD-A340 922/4/XAB  
95p; Oct 1997  
NC Contract(s): DAMD17-94-J-4476  
DT Report  
CY United States  
LA English  
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countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
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GRA&I9815

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L7 ANSWER 146 OF 166 NTIS COPYRIGHT 2004 NTIS on STN  
AN 1997(17):05035 NTIS Order Number: AD-A321 836/9/XAB  
TI Network Interaction of erbB, neu-erbB2, \*\*\*erbB3\*\*\*, \*\*\*erbB4\*\*\*  
, in the Biological Response to NDF/Heregulins. Annual rept. 28 Sep  
95-27 Sep 96.

AU Stern, D. F.  
CS Yale Univ., New Haven, CT. (009907000 382450)

NR AD-A321 836/9/XAB

53p; Oct 1996

NC Contract(s): DAMD17-94-J-4476

DT Report

CY United States

LA English

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located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

OS GRA&I9714

L7 ANSWER 147 OF 166 NTIS COPYRIGHT 2004 NTIS on STN  
AN 1996(18):06476 NTIS Order Number: AD-A303 500/3/XAB  
TI Network Interaction of erbB, neu-erbB2, \*\*\*erbB3\*\*\*, \*\*\*erbB4\*\*\*  
, in the Biological Response to NDF/ \*\*\*Neuregulins\*\*\*. Annual rept.  
28 Sep 94-27 Sep 95.

AU Stern, D. F.  
CS Yale Univ., New Haven, CT. School of Medicine. (009907064 382650)

NR AD-A303 500/3/XAB

67p; Oct 1995

NC Contract(s): DAMD17-94-J-4476

DT Report

CY United States

LA English

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countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is  
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NTIS Prices: PC A05/MF A01

OS GRA&I9614

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AN 2000-0053860 PASCAL  
CP Copyright .COPYRG. 2000 INIST-CNRS. All rights reserved.  
TIEN \*\*\*Neuregulin\*\*\* activation of ErbB receptors in vascular endothelium  
leads to angiogenesis in vascular endothelium leads to angiogenesis

AU RUSSELL K. S.; STERN D. F.; POLVERINI P. J.; BENDER J. R.  
CS .sup.1Division of Cardiovascular Medicine and Molecular Cardiobiology,  
Boyer Center for Molecular Medicine, New Haven, Connecticut, United  
States; Department of Pathology, Yale University School of Medicine, New  
Haven, Connecticut, 06536-0812, United States; Section of Pathology,  
University of Michigan School of Dentistry, Ann Arbor, Michigan,  
48109-1078, United States

SO American journal of physiology. Heart and circulatory physiology,  
\*\*\* (1999) \*\*\* , 46(6), H2205-H2211, 39 refs.

ISSN: 0363-6135 CODEN: AJPPDI

DT Journal

BL Analytic

CY United States

LA English

AV INIST-670D, 354000080882480110

L7 ANSWER 149 OF 166 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS  
RESERVED. on STN  
AN 2000-0044165 PASCAL

CP Copyright .COPYRG. 2000 INIST-CNRS. All rights reserved.

TIEN NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase,  
p70.sup.S.sup.6.sup.K, and MEK-MAPK-RSK

AU BALIGA R. R.; PIMENTAL D. R.; ZHAO Y.-Y.; SIMMONS W. W.; MARCHIONNI M.  
A.; SAWYER D. B.; KELLY R. A.

CS Cardiovascular Division, Brigham and Women's Hospital and Harvard Medical

School, Boston 02115, United States; Cambridge Neurosciences, Cambridge, Massachusetts 02139, United States; Department of Medicine, University of California at San Diego School of Medicine, La Jolla, California 92093, United States

SO American journal of physiology. Heart and circulatory physiology,  
\*\*\* (1999)\*\*\*, 46(5), H2026-H2037, 53 refs.  
ISSN: 0363-6135 CODEN: AJPPDI

DT Journal  
BL Analytic  
CY United States  
LA English  
AV INIST-670D, 354000080367180440

L7 ANSWER 150 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:961303 SCISEARCH

GA The Genuine Article (R) Number: 264DC

TI \*\*\*Neuregulin\*\*\* receptor-mediated gene transfer by \*\*\*human\*\*\*  
epidermal growth factor receptor 2-targeted antibodies and  
\*\*\*neuregulin\*\*\* -1

AU Kern J A (Reprint); Wakita R; Sliwowski M X  
CS UNIV IOWA, DEPT INTERNAL MED, C-33, GH, IOWA CITY, IA 52242 (Reprint);  
GENENTECH INC, DEPT PROT CHEM, S SAN FRANCISCO, CA 94080

CYA USA  
SO CANCER GENE THERAPY, ( \*\*\*NOV-DEC 1999\*\*\* ) Vol. 6, No. 6, pp. 537-545.  
Publisher: STOCKTON PRESS, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707.  
ISSN: 0929-1903.

DT Article; Journal  
FS LIFE; CLIN  
LA English

REC Reference Count: 54  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L7 ANSWER 151 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:431469 SCISEARCH

GA The Genuine Article (R) Number: 201LX

TI The \*\*\*human\*\*\* \*\*\*neuregulin\*\*\* -2 (NRG2) gene: cloning, mapping  
and evaluation as a candidate for the autosomal recessive form of  
Charcot-Marie Tooth disease linked to 5q

AU Ring H Z; Chang H; Guilbot A; Brice A; LeGuern E; Francke U (Reprint)  
CS STANFORD UNIV, SCH MED, HOWARD HUGHES MED INST, STANFORD, CA 94305  
(Reprint); STANFORD UNIV, SCH MED, HOWARD HUGHES MED INST, STANFORD, CA  
94305; STANFORD UNIV, SCH MED, DEPT MED, STANFORD, CA 94305; HOP LA PITIE  
SALPETRIERE, INWERM U289, FEDERAT NEUROL, PARIS, FRANCE

CYA USA; FRANCE  
SO HUMAN GENETICS, ( \*\*\*APR 1999\*\*\* ) Vol. 104, No. 4, pp. 326-332.  
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.  
ISSN: 0340-6717.

DT Article; Journal  
FS LIFE  
LA English

REC Reference Count: 18  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L7 ANSWER 152 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:888498 SCISEARCH

GA The Genuine Article (R) Number: 139BR

TI Sensory and motor neuron-derived factor is a transmembrane heregulin that  
is expressed on the plasma membrane with the active domain exposed to the  
extracellular environment

AU Schroering A; Carey D J (Reprint)  
CS PENN STATE COLL MED, WEIS CTR RES, 100 N ACAD AVE, DANVILLE, PA 17822  
(Reprint); PENN STATE COLL MED, WEIS CTR RES, DANVILLE, PA 17822

CYA USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, ( \*\*\*13 NOV 1998\*\*\* ) Vol. 273, No. 46,  
pp. 30643-30650.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.

DT Article; Journal  
FS LIFE  
LA English

REC Reference Count: 29  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L7 ANSWER 153 OF 166 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:389442 SCISEARCH

GA The Genuine Article (R) Number: ZH263  
TI Expression and localization of \*\*\*ERBB4\*\*\* and its ligand,  
\*\*\*neuregulin\*\*\*, in \*\*\*human\*\*\* gastrointestinal mucosa  
AU Kataoka H (Reprint); Joh T; Tsuchida K; Seno K; Yokoyama Y; Kato T; Itoh M  
CS NAGOYA CITY UNIV, SCH MED, DEPT INTERNAL MED 1, NAGOYA, AICHI 467, JAPAN;  
NAGOYA CITY UNIV, SCH MED, DEPT BIOREGULAT RES, NAGOYA, AICHI 467, JAPAN  
CYA JAPAN  
SO GASTROENTEROLOGY, ( \*\*\*15 APR 1998\*\*\* ) Vol. 114, No. 4, Part 2, Supp.  
[S], pp. G3639-G3639.  
Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE  
300, PHILADELPHIA, PA 19106-3399.  
ISSN: 0016-5085.  
DT Conference; Journal  
FS LIFE; CLIN  
LA English  
REC Reference Count: 0

L7 ANSWER 154 OF 166 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:575097 TOXCENTER  
DN DART-TER-98000421  
TI Role of glial growth factor in urodele limb regeneration.  
AU Wang L; Irvin B; Klatt K; Christensen R; Marchionni M; Tassava R  
CS Dept. of Molecular Genetics, Ohio State University, Columbus, OH.  
SO Teratology, ( \*\*\*1998 Feb\*\*\* ) 57 (2) 114.  
ISSN: 0040-3709.  
DT Abstract  
FS DART  
LA English  
ED Entered STN: 20040713  
Last Updated on STN: 20040713

L7 ANSWER 155 OF 166 USPATFULL on STN  
AN 2003:136945 USPATFULL  
TI ERbB-4 targeted ribozymes  
IN Tang, Careen K., Bethesda, MD, United States  
Lippman, Marc E., Ann Arbor, MD, United States  
PA Georgetown University, Washington, DC, United States (U.S. corporation)  
PI US 6566104 B1 20030520  
WO 9923209 19990514 <--  
AI US 2000-530224 20000623 (9)  
WO 1998-US23279 19981030  
DT Utility  
FS GRANTED  
LN.CNT 1347  
INCL INCLM: 435/091.310  
INCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100;  
536/024.500  
NCL NCLM: 435/091.310  
NCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100;  
536/024.500  
IC [7]  
ICM: C12P019-34  
ICS: C12Q001-68; C12N015-63; C07H021-02; C07H021-04  
EXF 435/6; 435/91.1; 435/91.31; 435/455; 435/458; 435/366; 435/375; 514/44;  
536/23.1; 536/24.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 156 OF 166 USPATFULL on STN  
AN 2002:160547 USPATFULL  
TI Tyrosine kinase receptors and ligands  
IN Valenzuela, David M., Yorktown Heights, NY, United States  
Glass, David J., Cortlandt Manor, NY, United States  
Bowen, David C., Washington, DC, United States  
Yancopoulos, George D., Yorktown Heights, NY, United States  
PA Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.  
corporation)  
PI US 6413740 B1 20020702  
WO 9721811 19970619 <--  
AI US 1998-77955 19980910 (9)  
WO 1996-US20695 19961213  
19980910 PCT 371 date  
RLI Continuation-in-part of Ser. No. US 1996-644271, filed on 10 May 1996,  
now patented, Pat. No. US 5814478  
PRAI US 1995-8657P 19951215 (60)  
DT Utility  
FS GRANTED



LN.CNT 3819  
INCL INCLM: 435/069.100  
INCLS: 435/070.100; 435/071.100; 435/071.200; 536/023.500; 530/350.000  
NCL NCLM: 435/069.100  
NCLS: 435/070.100; 435/071.100; 435/071.200; 530/350.000; 536/023.500  
IC [7]  
ICM: C12P021-06  
ICS: C12P021-04; C07H021-04; C07K001-00; C12N015-74  
EXF 514/2; 530/350; 530/300; 536/23.1; 536/23.5; 435/69.1; 435/70.1;  
435/71.1; 435/71.2; 435/252.3; 435/320.1; 435/325; 435/471  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 157 OF 166 USPATFULL on STN  
AN 2000:150160 USPATFULL  
TI Heregulin antagonists and methods for their use  
IN Yang, Dajun, Gaithersburg, MD, United States  
Wang, Shaomeng, McLean, VA, United States  
Kozikowski, Alan P., Princeton, NJ, United States  
Lippman, Marc E., Bethesda, MD, United States  
PA Georgetown University, Washington, DC, United States (U.S. corporation)  
PI US 6143740 20001107 <--  
WO 9821956 19980528 <--  
AI US 1999-308396 19990816 (9)  
WO 1997-US21474 19971119  
19990816 PCT 371 date  
19990816 PCT 102(e) date  
PRAI US 1996-31368P 19961119 (60)  
DT Utility  
FS Granted

LN.CNT 578  
INCL INCLM: 514/183.000  
INCLS: 514/255.000; 540/575.000; 544/374.000; 530/350.000; 530/389.300  
NCL NCLM: 514/183.000  
NCLS: 514/252.110; 514/254.110; 530/350.000; 530/389.300; 540/575.000;  
544/374.000  
IC [7]  
ICM: A61K031-33  
ICS: A61K031-495; C07K001-00; C07K016-00  
EXF 540/575; 514/183; 514/255; 544/374; 530/350; 530/389.3  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 158 OF 166 USPATFULL on STN  
AN 2000:138508 USPATFULL  
TI Don-1 gene and polypeptides and uses therefor  
IN Gearing, David P., Wellesley, MA, United States  
Busfield, Samantha J., Cambridge, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 6133423 20001017 <--  
AI US 1999-398496 19990917 (9)  
RLI Division of Ser. No. US 1996-753007, filed on 19 Nov 1996 which is a continuation-in-part of Ser. No. US 1996-699591, filed on 19 Aug 1996, now abandoned  
DT Utility  
FS Granted  
LN.CNT 3458  
INCL INCLM: 530/350.000  
INCLS: 530/399.000  
NCL NCLM: 530/350.000  
NCLS: 530/399.000  
IC [7]  
ICM: C07K014-475  
EXF 530/350; 530/399  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 159 OF 166 USPATFULL on STN  
AN 2000:88152 USPATFULL  
TI Use of \*\*\*\*neuregulins\*\*\* as modulators of cellular communication  
IN Gwynne, David I., Beverly, MA, United States  
Mahanthappa, Nagesh K., Cambridge, MA, United States  
Marchionni, Mark A., Arlington, MA, United States  
Birmingham-McDonogh, Olivia, Watertown, MA, United States  
Goldin, Stanley M., Lexington, MA, United States  
McBurney, Robert N., Newton, MA, United States  
PA Cambridge Neuroscience, Inc., Cambridge, MA, United States (U.S. corporation)

PI US 6087323 20000711 <--  
 AI US 1994-341018 19941117 (8)  
 RLI Continuation-in-part of Ser. No. US 1993-36555, filed on 24 Mar 1993,  
 now patented, Pat. No. US 5530109 which is a continuation-in-part of  
 Ser. No. US 1992-965173, filed on 23 Oct 1992, now abandoned Ser. No.  
 Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned Ser. No.  
 Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned Ser. No.  
 Ser. No. US 1992-863703, filed on 3 Apr 1992, now abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 3179  
 INCL INCLM: 514/002.000  
 INCLS: 514/012.000  
 NCL NCLM: 514/002.000  
 NCLS: 514/012.000  
 IC [7]  
 ICM: A61K038-00  
 EXF 514/12; 514/2  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 160 OF 166 USPATFULL on STN  
 AN 2000:74107 USPATFULL  
 TI Don-1 gene and polypeptides and uses therefor  
 IN Gearing, David P., Wellesley, MA, United States  
 Busfield, Samantha J., Cambridge, MA, United States  
 PA Millennium BioTherapeutics, Inc., Cambridge, MA, United States (U.S.  
 corporation)  
 PI US 6074841 20000613 <--  
 AI US 1996-753007 19961119 (8)  
 RLI Continuation-in-part of Ser. No. US 1996-699591, filed on 19 Aug 1996,  
 now abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 3500  
 INCL INCLM: 435/069.100  
 INCLS: 536/023.500; 435/320.100; 435/325.000  
 NCL NCLM: 435/069.100  
 NCLS: 435/320.100; 435/325.000; 536/023.500  
 IC [7]  
 ICM: C12N015-12  
 EXF 536/23.4; 536/23.5; 435/325; 435/69.1; 435/252.3; 435/320.1; 530/387.3  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 161 OF 166 USPATFULL on STN  
 AN 1998:119000 USPATFULL  
 TI Tyrosine kinase receptors and ligands  
 IN Valenzuela, David M., Franklin Square, NY, United States  
 Glass, David J., White Plains, NY, United States  
 Bowen, David C., Yonkers, NY, United States  
 Yancopoulos, George D., Yorktown Heights, NY, United States  
 PA Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.  
 corporation)  
 PI US 5814478 19980929 <--  
 AI US 1996-644271 19960510 (8)  
 PRAI US 1995-8657P 19951215 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 3104  
 INCL INCLM: 435/065.100  
 INCLS: 435/069.700; 435/252.300; 435/320.100; 435/325.000; 530/300.000;  
 530/350.000; 536/023.100; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/069.700; 435/252.300; 435/320.100; 435/325.000; 530/300.000;  
 530/350.000; 536/023.100; 536/023.500  
 IC [6]  
 ICM: C12P021-06  
 EXF 530/350; 530/300; 536/23.1; 536/23.5; 435/69.1; 435/69.7; 435/252.3;  
 435/320.1; 435/325  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 162 OF 166 USPATFULL on STN  
 AN 1998:72592 USPATFULL  
 TI Sensory and motor neuron derived factor (SMDF)  
 IN Ho, Wei-Hsien, Palo Alto, CA, United States  
 osherooff, Phyllis L., Woodside, CA, United States  
 PA Genentech, Inc., South San Francisco, CA, United States (U.S.

corporation)  
PI US 5770567 19980623 <--  
AI US 1994-339517 19941114 (8)  
DT Utility  
FS Granted  
LN.CNT 3771  
INCL INCLM: 514/012.000  
INCLS: 514/002.000; 530/350.000; 530/395.000; 530/399.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000; 530/350.000; 530/395.000; 530/399.000  
IC [6]  
ICM: A61K038-18  
ICS: C07K014-475  
EXF 530/350; 530/395; 530/399; 435/69.1; 435/70.1; 435/71.1; 514/2; 514/12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 163 OF 166 USPATFULL on STN  
AN 1998:65003 USPATFULL  
TI Sensory and motor neuron derived factor (SMDF)  
IN Ho, Wei-Hsien, Palo Alto, CA, United States  
Osheroff, Phyllis L., Woodside, CA, United States  
PA Genentech, Inc., South San Francisco, CA, United States (U.S.  
corporation)  
PI US 5763213 19980609 <--  
AI US 1995-428298 19950425 (8)  
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994  
DT Utility  
FS Granted  
LN.CNT 3837  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 536/023.500  
IC [6]  
ICM: C07H021-04  
ICS: C12N015-63; C12N015-85; C12P021-02  
EXF 435/69.1; 435/70.1; 435/71.1; 435/240.1; 435/320.1; 435/325; 536/23.5;  
536/24.1; 536/24.3; 536/24.33  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 164 OF 166 USPATFULL on STN  
AN 1998:57880 USPATFULL  
TI Methods involving sensory and motor neuron derived factor (SMDF)  
IN Ho, Wei-Hsien, Palo Alto, CA, United States  
Osheroff, Phyllis L., Woodside, CA, United States  
PA Genentech, Inc., South San Francisco, CA, United States (U.S.  
corporation)  
PI US 5756456 19980526 <--  
AI US 1995-428927 19950425 (8)  
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994  
DT Utility  
FS Granted  
LN.CNT 3757  
INCL INCLM: 514/012.000  
INCLS: 514/002.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000  
IC [6]  
ICM: A61K038-18  
EXF 514/2; 514/12; 435/69.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 165 OF 166 USPATFULL on STN  
AN 97:83613 USPATFULL  
TI Antibodies to SMDF  
IN Ho, Wei-Hsien, Palo Alto, CA, United States  
Osheroff, Phyllis L., Woodside, CA, United States  
PA Genentech, Inc., South San Francisco, CA, United States (U.S.  
corporation)  
PI US 5667780 19970916 <--  
AI US 1995-428926 19950425 (8)  
RLI Division of Ser. No. US 1994-339517, filed on 14 Nov 1994  
DT Utility  
FS Granted  
LN.CNT 3743  
INCL INCLM: 424/139.100

INCLS: 530/388.230; 530/388.850; 530/389.200; 530/391.300; 530/387.900;  
 530/387.300  
 NCL NCLM: 424/139.100  
 NCLS: 530/387.300; 530/387.900; 530/388.230; 530/388.850; 530/389.200;  
 530/391.300  
 IC [6]  
 ICM: C07K016-18  
 ICS: A61K039-395; C12N005-12  
 EXF 424/133.1; 424/139.1; 424/141.1; 424/145.1; 424/156.1; 435/240.27;  
 530/387.3; 530/387.9; 530/388.15; 530/388.24; 530/388.85; 530/391.3  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 166 OF 166 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN 2000-687251 [67] WPIDS  
 DNC C2000-209140  
 TI Treating or preventing congestive heart failure in mammals by  
 administering polypeptide comprising epidermal growth factor like domain  
 encoded by \*\*\*neuregulin\*\*\* gene.  
 DC B04 D16  
 IN KELLY, R; LORELL, B; MARCHIONNI, M; SAWYER, D B  
 PA (BETH-N) BETH ISRAEL DEACONESS MEDICAL CENT; (BGHM) BRIGHAM & WOMENS  
 HOSPITAL INC; (CAMB-N) CAMBRIDGE NEUROSCIENCE INC; (BGHM) BRIGHAM & WOMENS  
 HOSPITAL; (CENE-N) CENES PHARM INC  
 CYC 24  
 PI WO 2000064400 A2 20001102 (200067)\* EN 74 A61K000-00 <--  
 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
 W: AU CA JP KR  
 AU 2000049744 A 20001110 (200109) A61K000-00 <--  
 EP 1180040 A2 20020220 (200221) EN A61K039-00  
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
 KR 2002016773 A 20020306 (200261) A61K038-18  
 JP 2002542270 W 20021210 (200301) 78 A61K038-00  
 US 6635249 B1 20031021 (200370) A61K039-395  
 ADT WO 2000064400 A2 WO 2000-US10664 20000420; AU 2000049744 A AU 2000-49744  
 20000420; EP 1180040 A2 EP 2000-931938 20000420, WO 2000-US10664 20000420;  
 KR 2002016773 A KR 2001-713409 20011020; JP 2002542270 W JP 2000-613391  
 20000420, WO 2000-US10664 20000420; US 6635249 B1 US 1999-298121 19990423  
 FDT AU 2000049744 A Based on WO 2000064400; EP 1180040 A2 Based on WO  
 2000064400; JP 2002542270 W Based on WO 2000064400  
 PRAI US 1999-298121 19990423  
 IC ICM A61K000-00; A61K038-00; A61K038-18; A61K039-00; A61K039-395  
 ICS A61K048-00; A61P009-04  
 ICA C12N015-09  
 STN INTERNATIONAL LOGOFF AT 17:40:01 ON 26 AUG 2004